

## SEARCH REQUEST FORM

63

## Scientific and Technical Information Center

Requester's Full Name: Chanda, Harris Examiner #: 77264 Date: 09/820/123  
Port Unit: 3714 Phone Number 30 8-8358 Serial Number: 09/820/123  
Mail Box and Bldg/Room Location: CP210 D10 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Fill-in-the-blank applet  
Inventors (please provide full names): Thomas M. Sirhall

Earliest Priority Filing Date: 3/28/01

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Fill-in-the-blank applet

or

applet with text box (or field)  
for receiving an answer to  
a question.

See attached Claim 1

BEST AVAILABLE COPY

BEST AVAILABLE COPY

\*\*\*\*\*  
**STAFF USE ONLY**

**Type of Search**

Searcher: Bode 1-66-10-10 NA Sequence (#) \_\_\_\_\_  
 Searcher Phone #: 308-5122 AA Sequence (#) \_\_\_\_\_  
 Searcher Location: CPC2-4630 Structure (#) \_\_\_\_\_  
 Date Searcher Picked Up: 06-24-02 Bibliographic ☒  
 Date Completed: 06-24-02 Litigation ☒  
 Searcher Prep & Review Time: 30 Fulltext ☒  
 Clerical Prep Time: \_\_\_\_\_ Patent Family \_\_\_\_\_  
 Online Time: 240 Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_  
 Dialog \$ 895.42  
 Questel/Orbit \_\_\_\_\_  
 Dr.Link \_\_\_\_\_  
 Lexis/Nexis \_\_\_\_\_  
 Sequence Systems \_\_\_\_\_  
 WWW/Internet \_\_\_\_\_  
 Other (specify) \_\_\_\_\_

PTO-1590 (8-01)

**BEST AVAILABLE COPY**

Set	Items	Description
S1	4255692	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-) (SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR - NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	1544266	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	261200	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARKUP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA() (APPLET? OR SCRIPT?) OR ACTIVEX?
S4	78531	FILL?(3N) (BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	6667448	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR - FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7	21	S1(S)S2(S)S3(S)S4(S)S5
S8	160	S4(S)S3(S)S5
S9	47	S4(10N)S3(10N)S5
S10	22	S4(6N)S3(6N)S5
S11	40	S7 OR S10
S12	39	S11 AND PY<=2001
S13	30	RD (unique items)

? show files

File 15:ABI/Inform(R) 1971-2002/Jun 22  
(c) 2002 ProQuest Info&Learning

File 635:Business Dateline(R) 1985-2002/Jun 22  
(c) 2002 ProQuest Info&Learning

File 13:BAMP 2002/Jun W4  
(c) 2002 Resp. DB Svcs.

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2002/Jun W3  
(c) 2002 CMP Media, LLC

File 674:Computer News Fulltext 1989-2002/Jun W3  
(c) 2002 IDG Communications

File 696:DIALOG Telecom. Newsletters 1995-2002/Jun 22  
(c) 2002 The Dialog Corp.

File 98:General Sci Abs/Full-Text 1984-2002/May  
(c) 2002 The HW Wilson Co.

File 570:Gale Group MARS(R) 1984-2002/Jun 20  
(c) 2002 The Gale Group

File 624:McGraw-Hill Publications 1985-2002/Jun 21  
(c) 2002 McGraw-Hill Co. Inc

File 369:New Scientist 1994-2002/Jun W2  
(c) 2002 Reed Business Information Ltd.

File 484:Periodical Abs Plustext 1986-2002/Jun W3  
(c) 2002 ProQuest

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

File 553:Wilson Bus. Abs. FullText 1982-2002/May  
(c) 2002 The HW Wilson Co

File 95:TEME-Technology & Management 1989-2002/Jun W3  
(c) 2002 FIZ TECHNIK

?

**BEST AVAILABLE COPY**

13/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

02038699 55594316  
**On track and in touch**  
Millman, Howard  
Computerworld v34n26 PP: 88-89 Jun 26, 2000  
ISSN: 0010-4841 JRNL CODE: COW  
WORD COUNT: 919

...TEXT: reduced acquisition costs and less maintenance complexity.

SureTrak uses the Web for the distribution of **HTML - formatted** reports, but it's strictly one-way pushing information out to the clients. Primavera's Webster, a \$250-per-seat companion product, provides the equivalent **interactivity** found in Project Central. SureTrak's other attributes include well designed tutorials and Project KickStart Wizard, which provides **fill -in-the- blank** simplicity for brainstorming and creating new projects. Another wizard streamlines the process of adding projects into an existing group. SureTrak works with **Internet Explorer** and Netscape browsers.

Project Management On the Lite Side  
If you're looking for...

13/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01756843 04-07834  
**Metadata for corporate intranet**  
Doran, Kelly  
Online v23n1 PP: 42-50 Jan/Feb 1999  
ISSN: 0146-5422 JRNL CODE: ONL  
WORD COUNT: 3870

...TEXT: With help from an IT applications developer, we created a simple, easy-to-use **HTML form** with built-in controlled vocabulary and Javascript authentication, enabled with a CGI **script** written in Perl.

The Metadata Generator includes:

**Fill -in-the- blank** inputs for most **fields**

"Pick list" dropdown menus for controlled vocabulary

(Table Omitted)

Captioned as: Weyerhaeuser Metadata Fields  
A...

13/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01731631 03-82621  
**Homework online**  
Koplowitz, H B  
Link-Up v15n6 PP: 19 Nov/Dec 1998  
ISSN: 0739-988X JRNL CODE: LUP  
WORD COUNT: 750

...TEXT: information in cyberspace worth using in a term paper, an indispensable site is "MLA Bibliographic **Format Interactive Forms** " ([www.nueva.pvt.k12.ca.us/~debbie/library/research/research.html](http://www.nueva.pvt.k12.ca.us/~debbie/library/research/research.html)).  
Created by The Nueva School, an independent day school for gifted

prekindergarten through eighth grade...

... in the San Francisco area, the site makes it easy to write a bibliography of **Internet** sources in MLA style by providing **fill -in-the-blank forms** for **online** books and magazines, e-mail messages, newsgroups, CD-ROMs, personal **Web sites**, and other cyber citations.

One more worthwhile resource is "The Internet Public Library" (www.ipl...

13/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01547052 01-98040

**After Gutenberg: The best tools for publishing on the Web**

Marbach, Bill

Fortune Technology Buyer's Guide Supplement PP: 276-277 Winter 1998

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 999

ABSTRACT: Only a few years ago, creating **Web pages** required writing **HTML instructions**. Today's editing programs automatically generate the necessary **HTML** code; users only have to position text and graphics with a mouse. Most of the new Web tools include helpful features such as **fill -in-the-blank** templates, assistant programs that provide step-by-step guides to creating a page, and clip art. The least expensive option for creating fairly complex **Web pages** is downloading a shareware or freeware **HTML** editor available on the Web, such as Netscape Communications' Composer or America Online's NaviPress. Adobe's PageMill, Claris's **Home Page**, and Microsoft's FrontPage 98 provide more flexibility and extras but are more expensive. NetObjects' Fusion tool helps manage typical **web sites**. **Forman Interactive's Internet Creator** package and Peachtree Software's Peachlink can help small businesses create catalogs and complete **online stores**.

13/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01296642 99-46038

**Buoyed by development promises**

Anonymous

Network World v13n37 PP: S25 Sep 9, 1996

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 353

...ABSTRACT: tools. Circumventing the limitations inherent in the Web environment itself is often the crucial issue. **HTML**-generated Web pages are simple **fill -in-the-blank forms** that do not support embedded intelligence. Vendors have indicated they plan to overcome **HTML** limitations by supporting Web-based programming environments such as Microsoft corp.'s Active X or...

...TEXT: circumventing the limitations inherent in the Web environment itself.

Help desk vendors' efforts to overcome **HTML** limitations are promising.

**HTML**-generated **Web pages** are simple **fill -in-the-blank forms** that do not support embedded intelligence. "Web clients are more like 3270 terminals than **interactive front ends**," says Bill Freedman, product manager for the ARWeb help desk software at Remedy...

13/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01233800 98-83195

**Borealis image server**

Meyer, Eric A; Murray, Peter E

Computer Networks & ISDN Systems v28n7-11 PP: 1123-1137 May 1996

ISSN: 0376-5075 JRNL CODE: CNI

...ABSTRACT: at other sites at very little expense. A Borealis server can be queried from any **Web page** or browser and delivers an image which has been watermarked. This watermarking is intended to...

... including the image in its full size, a reduced version of the image, and a **dynamically** generated **HTML** information page. Images may also be returned in a variety of graphic **formats**. Future enhancements should include **Web page**-based administration tools, support for authenticated users to view non-watermarked images, and more advanced file management. Through these and other enhancements, the Borealis Project should **fill** a critical **gap** in the effort to make images available on the Web. ...

13/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

00594968 92-10141

**When It's Your Job to Write Scripts for Telemarketing . . .**

Carr, Ron J.

Telemarketing Magazine v10n7 PP: 20-23 Jan 1992

ISSN: 0730-6156 JRNL CODE: TLM

WORD COUNT: 1615

...TEXT: the customer or when the communicators are experienced and have training in objection handling.

Outline **scripts** are essentially checklists, often combined with **fill** -in-the- **blank forms** for the communicator to complete. These are best used when the communicators are expected to...

13/3,K/8 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

0677766 96-34943

**'Radical' CEO makes Sun shine brightly**

Hick, Virginia Baldwin

St Louis Post-Dispatch (St Louis, MO, US) pE1

PUBL DATE: 960128

WORD COUNT: 1,039

DATELINE: St Louis, MO, US, Midwest

TEXT:

...or Windows 95, with mainframes or laptops.

At the moment, Java is used mostly for **applets** that pop up with **fill** -in-the- **blank questions** --to get on an Internet site's e-mail list, perhaps, or to file an...

13/3,K/9 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2002 Resp. DB Svcs. All rts. reserv.

01140187

02178950 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**XML bridges existing systems, Internet solutions**

(Foresight's TradeSite/XML helps companies move from legacy systems and electronic data interchange to e-commerce systems and extensible markup language)

Automatic I.D. News, v 15, n 11, p 24

October 1999  
DOCUMENT TYPE: Journal ISSN: 0890-9768 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 327

ABSTRACT:

To smoothen the transition from legacy systems and **electronic** data interchange (EDI) to the newer e-commerce and eXtensible markup language (XML) programs, Foresight developed TradeSite/XML which extends enterprise EDI and legacy systems with the use of open **XML** specifications for purchase orders, invoices, and other business documents. Presenting simple, **fill-in-the-blank**, Web-based **forms** for the users, the product offers automatic two-way conversions between EDI files, Web-based **forms**, non-EDI application files and desktop interface specifications. It makes use of **XML** to enable companies to produce and receive other **XML** documents without modifying their internal systems and provides a thin-client interface to enable trading partners to integrate their business system with the TradeSite **forms** and in the process minimize the data entry associated with Web-based EDI. ...

13/3,K/10 (Item 2 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01118530 01942041 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Authoring Software: It's the Write Stuff**  
(Whether one is a veteran scripter or an authoring neophyte, listed software can help customize and deliver the training goods)  
Article Author(s): Abernathy, Donna J  
Training & Development, v 53, n 4, p 54-55  
April 1999  
DOCUMENT TYPE: Journal ISSN: 1055-9760 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1297

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Townsend Street	San Francisco, CA 94103
Director 7, Pathware Attain,	888.945.3430
Authorware Synergy)	<a href="http://www.macromedia.com">www .macromedia.com</a>
CBIquick Software Simulation	AMT International
Authoring System	2313 West 33rd Street
	Panama City, FL 32405
	850.913.8354
	<a href="http://www.amtcorp.com">www .amtcorp.com</a>
Course Builder 4.3	Discovery Systems International
	137 S. Gay Street
	Knoxville, TN...
...Concepts	
(Other tools available: Summit)	P.O. Box 477
	Fulton, MD 20759
	888.828.8467
	<a href="http://www.insystem.com">www .insystem.com</a>
Quest 6.0	Allen Communication
(Other tools available:	5 Triad Center, 5th Floor...
...Edge,	Salt Lake City, UT 84180
Manager's Edge, Trainer's Edge)	800.325.7850
	<a href="http://www.allencomm.com">www .allencomm.com</a>
ToolBook II Instructor 6.5	Asymetrix Learning Systems
(Other tools available:	110-110th...
...Bellevue, WA 98004	
Assistant, IconAuthor 7.6	800.448.6543
Net Edition, IconAuthor.7.1	<a href="http://www.asymetrix.com">www .asymetrix.com</a>

for Unix, Librarian)  
Product  
Authorware 5 Attain  
(Other tools...

...knowledge  
Director 7, Pathware Attain,  
Authorware Synergy)

CBQuick Software Simulation  
Authoring System

Course Builder...  
...platform conversion

Design-a-Course 2.52g

Trainer5

Everest...

...the-fly feature

Quest 6.0  
(Other tools available:  
Quest Net+, Designer's Edge,  
Manager's Edge, Trainer's Edge)

...Unix, Librarian)

Product  
Authorware 5 Attain  
Professional edition: \$1,395.99

Everest Authoring 2.0  
(Other tools available: Summit)

...and government  
for Unix, Librarian)

Feature Highlights  
\* Flowline metaphor

objects  
\* Templates and models  
\* Built-in data tracking  
\* **Hypertext** /hyperlinking  
\* Full text searching  
\* For simulation tutorials  
\* No programming  
\* **Interactive Forms** included  
\* Net, CD-ROM, **network**, disk  
delivery  
\* 60 days of free technical  
support  
\* 16-and 32-bit versions

package  
\* Menu-driven input  
\* No programming  
\* Multiple choice, **fill -in-the-  
blank questions**  
\* Test grading  
\* No additional software  
required  
\* Menu-driven content input  
\* **Electronic** book metaphor  
\* Media library with more than  
1,000 royalty-free images  
\* **Hypertext** /hyperlinking  
\* **Question** feedback  
\* One year of free email  
technical support  
\* Multiple testing options  
(standard edition features)

\* Page templates and graphics  
library  
\* Drag-and-drop icons to build  
pages  
\* **Internet** simulator  
\* WYSIWYG and design levels  
\* Programming options: **ActiveX**  
and C coding  
\* QuickStart...

\* Editors for audio, icons,  
cursors, bitmaps, menus, and  
color palettes  
\* ToolBook II Coach **online**  
resource  
\* Templates and wizards  
System Requirements(\*)  
PC: Inte processor, 16MB RAM...

Extras: license; plug-in player  
Free **online** download or \$10 for  
disk version  
Extras: Distribution license;  
add-ons...

discounts



Editor's note: This listing is based on a **survey** of product vendors conducted in January, 1999. The listing represents responses deemed relevant to the...

...by the vendors.

(\*) Minimums for authoring on stand-alone workstations. Contact manufactures for playback and **network** system requirements.

(\*\*) Prices valid as of 1/99. Contact the manufacturers for personalized quotes.

...

13/3,K/11 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0697853 BW0226

**REAL TIME INTEGRATION: Real Time Integration announces embedded Web Server for test and measurement**

April 30, 1997

Byline: Business Editors

...administrative clients can operate on sixteen different operating system and computer combinations. Configuration uses simple "fill -in-the- blank" **HTML forms** and offers many options including TCP/IP network settings, number and type of data channels...

13/3,K/12 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01163104 CMP ACCESSION NUMBER: EET19980601S0089  
**Surfers get Java database engine - Development and delivery of data over the Internet aided with fuzzy logic**

R. Colin Johnson  
ELECTRONIC ENGINEERING TIMES, 1998 , n 1010, PG41  
PUBLICATION DATE: 980601  
JOURNAL CODE: EET LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Technology  
WORD COUNT: 811

, 1998  
... end user.

Fuzzy knowledge bases are generated by an online consultation session in which a **Java applet** interrogates the design engineer (or other resident "domain expert") with **fill -in-the- blank questions** . Once the knowledge base has been filled from the consultation session, it can be made...

13/3,K/13 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01103664 CMP ACCESSION NUMBER: NTG19960901S0037  
**avatars anyone?**  
NETGUIDE, 1996 , n 309, PG42  
PUBLICATION DATE: 960901  
JOURNAL CODE: NTG LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: hot products - the hottest, the coolest, gotta-have toys

and tools  
WORD COUNT: 92

, 1996

TEXT:

... objects to populate that world? 3RD Dimension Technologies Inc.'s Virtual World Project aims to fill the gap. It is currently assembling a library of objects in VRML and other formats, including photorealistic images made with its \$500 3DEXPRES software, which creates three-dimensional wireframes from...

13/3,K/14 (Item 1 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

080072

**The best app servers you've never heard of**

Byline: April Jacobs

Journal: Network World Page Number: 41

Publication Date: December 13, 1999

Word Count: 656 Line Count: 62

Publication Year: 1999

Text:

... servers. Most of the popular open source application servers are supported by project teams and Web sites with plenty of documentation and resources for use by potential developers. But the bottom line...

... code over and over - making it ideal for building constantly changing Web applications. At Indigo Networks, a Zope application server runs a program that lets employees update the company's online shopping application. The application features products from multiple merchants and needs frequent updating, according to...

... serve up data through most Web servers. One of Enhydra's strengths lies in its XML compiler's ability to separate business logic and presentation of pages - if the two are...

... to make changes. At Softcom, an application services provider, Enhydra helps developers separate Java and HTML in developing Web applications for interactive Web sites. Midgard is also gaining notice in the open source community. Written in a PHP scripting environment, Midgard is aimed at end users who need to serve up Web-based applications...

... packs for traditional applications and operating systems, he says. Companies such as Antarctica are also filling the void for open source support. Digital Creations, a company formed by the creators of Zope, helps customers install the free application server and build applications on it. Still, Digital Creations CEO Paul Everitt says he "lives and breathes" the uncertainty that surrounds open source...

... to sell services into corporate accounts. But with validation for open source growing in the form of public companies such as Red Hat, Everitt says the job is getting easier.

13/3,K/15 (Item 2 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

075431

**Care of NT nets made less expensive**

Byline: JOHN FONTANA

Journal: Network World Page Number: 19

Publication Date: June 21, 1999

Word Count: 631 Line Count: 60

Publication Year: 1999

Text:

... a greater return is plugging in no-cost or low-cost tools that will help **network** administrators better understand what is happening across their Windows NT infrastructures. There is no doubt that a costly package of know-how from a well-known vendor can make any **network** perform better, but **network** administrators also have access to a host of tools that don't cost a thing...

... work to come up with a handful of tools that are finding popularity across enterprise **networks**. Filemon and Regmon These tools are freeware when used on a single machine, but the enterprise versions (\$99, including five-user licenses) can be used across a **network**. Filemon monitors and displays all file system activity through a graphical user interface. It can show how applications use files and **Dynamic** Link Libraries, or track problems in system or application configurations. Regmon keeps an eye on...

... platform software at Pathlight Technology. "Both are essential for locating why permissions don't work." [www.sysinternals.com/VNC/VirtualNetworkComputing\(VNC\)](http://www.sysinternals.com/VNC/VirtualNetworkComputing(VNC)) is a remote control freeware utility that was developed in AT&T Laboratories...

... NT version allows you to look at an NT desktop from any platform, including Linux. [www.uk.research.att.com/vnc/ExporterandMachinesSeveral](http://www.uk.research.att.com/vnc/ExporterandMachinesSeveral) users reported an affinity for Hyena, a management...

... a domain. It can be used to determine accounts that are no longer being used. [www.systemtools.com/cgi-bin/redirect.pl?free.htm](http://www.systemtools.com/cgi-bin/redirect.pl?free.htm) FREEping "We use FREEping to monitor which servers are up or down, or if there are routing issues," says Taed Nelson, **network** engineer for Vertical **Networks**. FREEping will flash a pop-up window when a server goes down. Users can set fixed intervals for FREEping to check NT servers or any IP address on a **network**. [www.tools4nt.com/Products/FREEping/FREEping.htm](http://www.tools4nt.com/Products/FREEping/FREEping.htm) Emergency Undelete This freeware utility might come in handy in...

... recent virus scares. If you accidentally delete any data from command lines, applications or shared **network** drives, Emergency Undelete can recover that data from the hard disk. The Windows recycle bin only captures files deleted from Windows Explorer, but this tool fills in the gaps. [www.executive.com/NetKeep](http://www.executive.com/NetKeep) With the proliferation of Web servers these days, administrators need an assistant just...

... track of them all. NetKeep provides data on Web servers that are live on a **network** and what software they are running. This shareware utility also keeps an archive of your server profiles. [www.jwsg.com/netkeepinfo.html](http://www.jwsg.com/netkeepinfo.html)

13/3,K/16 (Item 3 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

057938

**Build or buy?**

**Computerworld Premier 100**

**Whether you create and manage your Web site or seek outside help depends on your staff's strengths, the control you want and your budget**

Byline: Mark Halper

Journal: Computerworld Page Number: 48

Publication Date: February 24, 1997

Word Count: 926 Line Count: 84

Publication Year: 1997

Text:

...not do it in-house? "We try to look for core competencies, and managing a **Web** site is not one of them," says Bill Schallenberg, manager of **Internet** services. When it comes to the development, operation and maintenance of **Web** sites, information managers and their business management cohorts at some Premier 100 organizations are finding that outsourcing is the way to go. Like other technologies before it, the **Internet** creates a build/buy conundrum; whether to do it yourself or pay

someone else to...

... of scale." Perhaps more than any other technological outsourcing project in the past, today's **Web site** development entails cross-disciplinary skills, such as creative design, graphics and writing. Furthermore, the requisite computer skills such as **HTML**, Java and Common Gateway Interface (CGI) programming are new, and when legacy links are involved...

... a little dicey. Then there's the challenge of laying out information in a versatile, **electronic** page-linking **format**, which allows for approaches not possible, or even thought of, on two-dimensional paper.

**filling the void** Stepping in to meet these challenges are **Web site** "boutiques," whose only line of business is to create sites. There are also traditional ad agencies, traditional outsourcers and systems integrators, for when the **Web site** requires links to a finely tuned back end. As Forrester Research, Inc. analyst Josh Bernoff notes, if your **Web site** is part of a larger business-process remapping, "you don't hand it all over to (site developer) **Digital Planet** and ask them to re-engineer your business." Certainly, plenty of companies are buying...

... Input doubles the ante for that time frame, estimating a \$20 billion market that includes **Web site** hosting and back-end integration. A **Web** contract can cost from \$1,000 to \$100...

... five of them. It's using Waldorf, Md.-based Design Corp. for page creation; Martin **Interactive**, a division of ad agency The Martin Agency, Inc., for page design and page links; UUNet Technologies, Inc. for **Web site** hosting; AC Nielsen I/Pro for site traffic analysis; and The Hotel Industry and Switching Co. for **electronic** commerce - processing room reservations and payments. Though Schallenberg says Marriott factors in core competencies when...

... deciding factor. Strategists at Progressive Insurance Co. in Mayfield, Ohio, decided to build their own **Web site** because they wanted control, they wanted to learn and they wanted to make changes quickly...

... Nationwide Mutual Insurance Co. and State Farm Mutual Automobile Insurance Co., Progressive has some ambitious **Internet** -related goals that include **electronic** commerce. Certainly, Conlon's has been a learning experience. For instance, the company has learned...

... bring page development in-house, ending a year-long relationship with San Francisco-based Organic **Online**. The site offers information about the fast food company, goods to buy and some **interactive** games for children. "When we originally started, the **Internet** was fairly new," recalls McDonald's webmaster Judy Newby. "We didn't have a lot...

... programming is the least of it," says Newby, who, like many webmasters, points out that **HTML** programming is relatively easy, and that plenty of tools circumvent **HTML**. Aetna, Inc. also took page development back from its original designer, Proxicom, Inc. - but it...

... will seek out a contractor for an upcoming major redesign. There's always the mercurial **question** of where the Web is heading, too. "If the Web should collapse, we don't...

13/3,K/17 (Item 4 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

054578

Intranet-based help desks to the RESCUE

For IT managers and their users who would rather swim than sink, Web-based help desk software provides a great way to stay afloat while grappling with technical problems.

Byline: Elisabeth Horwitt

Journal: Network World Page Number: 22

Publication Date: September 16, 1996

Word Count: 1530 Line Count: 138

Publication Year: 1996

Text:

...circumventing the limitations inherent in the Web environment itself.

Help desk vendors' efforts to overcome **HTML** limitations are promising.

**HTML** -generated Web pages are simple fill -in-the- blank forms that do not support embedded intelligence. ``Web clients are more like 3270 terminals than interactive front ends,'' says Bill Freedman, product manager for the ARWeb help desk software at Remedy...

13/3,K/18 (Item 5 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

(c) 2002 IDG Communications. All rts. reserv.

052451

New age, old architecture

Computerworld Client/Server Journal

The so-called intranet borrows heavily from the Internet and mainframe computing. Extending fat-client, distributed computing will be a major challenge

Byline: Elisabeth Horwitt

Journal: Computerworld Page Number: 21

Publication Date: June 01, 1996

Word Count: 2625 Line Count: 252

Publication Year: 1996

Text:

Cover story

The Internet : Client/server killer or just another platform?" A good question . It was also the topic of one of the more popular keynotes at a recent...

... Sybase, Inc. Kertzman began by telling his audience that the shift to applications that leverage Internet -derived technologies will happen faster than the early 1990s' transition to client/server computing. And... only temporary. Kertzman went on to quote Marc Andriessen, Netscape Communications Corp. co-founder and Internet impresario, who recently said client/server as we know it is about to be supplanted by an Internet -based architecture. "To some extent that's true," Kertzman conceded. That mixed assessment is not...

... keep service levels up and costs down. Now, the explosion of business activity on the World Wide Web has spawned a parallel intranet movement: the idea of using Web browsers and servers and 'net-based protocols such as TCP/IP and Hypertext Transport Protocol (HTTP) as a standard platform for internal applications. And once again, IS managers ...

... such "pages" of information. That's about all today's mature intranet technology - specifically, the Hypertext Markup Language (HTML) for structuring Web page content - can support. Client interaction with data downloaded on a Web page is pretty much limited to fill -in-the-blank querying. Intranet technology is maturing fast, however, as Internet vendors and old-guard client/server software companies hasten to fill functional gaps with new tools and Web-based versions of older offerings. Enterprise intranet collaboration systems and...

... architectures such as Java. These offerings promise to support the movement of executable code, or applets , from server to client. The client can use the applets to perform calculations, data massaging and report generation locally, while IS retains centralized maintenance and limited, with applets tending to be either stand-alone applications, such as calendaring, or simple one-on-one...

...discard. Java currently lacks several infrastructure components that are prerequisites for distributed business applications that interact with multiple database and application back ends, according to Jonathan Vaughan, vice president of corporate...

... Inc. promises to release shortly is the Open Database Connectivity (ODBC) libraries that will allow **applets** to link to any SQL-compliant database back end. This saves Java programmers from writing such links from scratch. **Web pages** provide similar links via Common Gateway Interfaces. However, Java seems to be freeing itself from dependence on **Web pages**, as well as **HTML** limitations. The next big thing will be when Java supports object request broker (ORB) technology that manages interactions across multiple distributed systems and applications. While **Java applets** can get at such resources through uniform resource locator (URL) links on a **Web page**, this is an inefficient way to handle true distributed applications. For one thing, IS has...

... and update those URL links manually. ORB technology sitting on a Web server, supported by **Java applets** and clients, would take most of the gruntwork and bottlenecks out of intranet distributed computing. ORBs automatically track logical resources across the **network**, as well as relationships between applications and back-end resources. **Java applets** would **interact** with the ORB to know where they need to go and how to perform their...

... announced Java ORB Environment, or JOE, one of several offerings that promise to support Java **interaction** with Common Object Request Broker Architecture-compliant distributed computing services. Third-party vendors such as...

... some extent an overlay on existing platforms. Companies were already adopting TCP/IP as their **networking** standard before the Web came along. Corporate IS and end users are still dealing with...

... control, security, timing, management and predicting the behavior of Web-based applications that are very **dynamic** and changeable, Prudential's Vaughan said. Take the American Heart Association, which put up its first **Web site** only last November. Today, full transition from traditional client/server to an intranet-based application platform is "close to a sure thing," said David Stokes, senior **Internet** analyst at the Dallas-based association. While American Heart's IS department was in charge IS department also saw "huge bandwidth usage, which the **network** was not designed for," Brennan said. "Even 100M Ethernets - we'll blow right through them..."

... such as Computer Associates International, Inc., IBM and Cabletron Systems, Inc. are aggressively extending their **network** and **networked** systems management platforms to handle intranet- and **Internet**-based systems. Most of the above products address the problem of managing multiple **Web sites**. Serious **Java applet** developers are likely to run into a whole new dimension of management challenges. "What's..."

... the design issues that crop up when a firm moves beyond single use-and-discard **Java applets**, such as a single database query or calendaring, to a financial or inventory tracking application that involves multiple queries with some calculations in between. So is the **Internet** a client/server killer or just another platform? Depends on how adventurous you want to...

... and data sabotage are inside jobs. The good news is that industrywide agreement on an **Internet** security standard seems likely by year's end. Secondly, firewalls are little protection against careless or ignorant users indiscriminately downloading **Web pages** or **Java applets** without checking the source. Well-crafted, strictly enforced security policies are a must. Vendor support...

... the index, and a lot of it is space." Java interoperability. Don't assume that **Java applets** will automatically fit together like Legos into a full-scale business application, said J. Lawrence...

020651

**MAXM upgrades bolsters automated mgmt. facilities**

Byline: Paul Desmond, Senior Editor

Journal: Network World Page Number: 4

Publication Date: January 20, 1992

Word Count: 635 Line Count: 46

Publication Year: 1992

Text:

... important for large networks in which MAXM has to poll thousands of devices.

The automation **scripts** are built by users with the help of on-screen **fill -in-the-blank forms**. The **forms** are based on the Open Software Foundation, Inc.'s Motif graphical user interface (GUI) and...

13/3,K/20 (Item 1 from file: 696)

DIALOG(R) File 696:DIALOG Telecom. Newsletters

(c) 2002 The Dialog Corp. All rts. reserv.

00753274

**Carriers Face A Tough Crowd In 2001**

Wireless Data News

January 3, 2001 VOL: 9 ISSUE: 1 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH WORD COUNT: 1567 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

Building **Networks**, Buying Spectrum and Hatching Killer Apps Are On This Year's Crucial 'To Do' List...

...a million things that have to come together, including the handset, the middleware, how the **form** factor of the handset will relate to the end user," says Larry Swasey, a wireless...

...on reeling in new users with good applications.

While content providers are busily reformatting wired **Internet** content, handset-friendly languages such as wireless application protocol or compact **hypertext markup languages**, navigating a handset is a far more difficult, costly and less graphical experience.

So convincing...are most interested in Web browsing, according to Telephia's September 2000

Wireless Data-Trac **survey** of 3,500 consumers.

When it comes to data, consumers prefer personal **digital** assistants, such as Handspring [HAND] Visors or Palm [PALM] Pilots. Cell phones still are primarily...

...They need to be careful about choosing which applications they're going to run."

**Build Networks Or Risk Failure**

**Network** build out is necessary to keep customers, just like spectrum is necessary for more sophisticated...

...actually ringing when someone calls it," Hold says. Companies like Telephia today can monitor carriers' **networks** for quality, but coverage must be expanded to ensure future success. "You have large carriers...

...a rapidly growing industry trying to attract new consumers and improve the capacity of their **networks** - a lot of carriers are

trying to digest as they go through recent mergers - their main challenges are acquiring customers, improving performance in **networks**," Oyler says. "The first challenge [for carriers] is to **fill** in the **gaps** so they can really, truly offer nationwide service," says Ken Hyers, wireless analyst from Cahners...

...data service, which means getting the spectrum where they need it and start building out **networks**."

In short, planning for third generation wireless **networks** is a necessary evil for carriers. As more consumers take up wireless service, **networks** are getting saturated with action, which means more build out is needed to keep up with the demand for service.

"On the wireless side, the **networks** are essentially full," says James Morehead, senior manager of wireless **Internet** market development for Portal, a wireless billing and customer care company. "The voice **network** takes up the capacity and the carriers know they can't give away data services without hurting their **networks**."

Carriers must incorporate 3G technology into their systems, but ...are as used to paying for packets as they are to not having great traditional **Internet** service that U.S. consumers take for granted, but pitching packet data pricing plans to...

...to pricing models that bury the cost structure, it'll be the quality of that **interactive** experience that makes it valuable, not the kilobyte."

#### Dance Of The Seven Standards

As carriers...

...Andrew Seybold Group. "They have a challenge trying to establish CDMA as a superior packet **network**. In 2001, they have to make a whole lot of progress there."

But the United...

2001

13/3,K/21 (Item 2 from file: 696)  
DIALOG(R) File 696:DIALOG Telecom. Newsletters  
(c) 2002 The Dialog Corp. All rts. reserv.

00722193

**Rosettanet Backtracking For Broader Standard**  
Electronic Commerce News  
April 17, 2000 VOL: 5 ISSUE: 16 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 730 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...flexibility and the technology to achieve hybrid versions of PIPs quickly.

The RosettaNet Consortium was **formed** in 1998 to develop integration standards and align supply chains for the **electronic** components industry.

The first 11 of more than 100 PIPs were released to pilot programs...

...released with an additional two expected this week.

The PIPs are based on the extensible **markup language** and govern areas



such as the distribution of product information, managing purchase orders and queries for product information and order status.

### Filling In The Gaps

Freemont, Calif.-based SYNnex Information Technologies, a distributor of high-tech merchandise, has additional PIP of **electronic** components professionals, she says.

Revised and modified PIPs are to be released in the third...

...manages large numbers of transactions, and if the vendor will help the business migrate from **electronic** data **interchange** technology, she says. RosettaNet will release certification standards for vendors and will later this year...

2000

13/3,K/22 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2002 The HW Wilson Co. All rts. reserv.

04272491 H.W. WILSON RECORD NUMBER: BGSA00022491 (USE FORMAT 7 FOR FULLTEXT)

#### DNA replication fidelity.

Kunkel, Thomas A

Bebenek, Katarzyna

Annual Review of Biochemistry v. 69 (2000) p. 497-529

SPECIAL FEATURES: bibl il ISSN: 0066-4154

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 14253

(USE FORMAT 7 FOR FULLTEXT)

#### TEXT:

... b bound to nicked DNA, representing the product of gap filling. The comparisons reveal that **formation** of a closed complex requires both dNTP binding and the presence of a complementary template...

...Table 2, Figure 5, and Figure 6; also see four pol b movies on the **Internet** at <http://chem-faculty.ucsd.edu/kraut/bpol.html> ). For example, the Arg283 side chain in helix N moves to **interact** with and stabilize the template nucleotide in a position to H-bond with the incoming...

...M (Figure 1A), a phenylalanine (Phe272) in helix M rotates such that it disrupts an **interaction** between the side chains of two other amino acids, Arg258 and Asp192. This disruption allows...

...pocket and assemble an active site that is poised for catalysis. It remains an open **question** which conformational change(s) is rate limiting for misinsertion (for additional discussion, see 29-31...

2000

13/3,K/23 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

03746178 (USE FORMAT 7 OR 9 FOR FULLTEXT)

#### Talking about Multimedia: a layered design framework

Taylor, Josie; Sumner, Tamara; Law, Andrew

Journal of Educational Media (JEDM), v23 n2/3, p215-241, p.27

Oct 1997

ISSN: 1358-1651 JOURNAL CODE: JEDM

DOCUMENT TYPE: Feature

1997

TEXT:

... syntax, semantics, strategies and educational aims) describe how me' can be used to provide different forms of educational support. In practice, we shall see in our examples later on, not all...

...need to say a few words about each level.' ' Level 1: educational aims' ' The first question to ask when analysing educational systems is "what is be' learned?" Broadly speaking, educational aims...  
...personal learning goals, institutional or professional curriculum' requirements, and socially accepted practices in a particular field (Brown ' al., 1989; Lave, 1991; Sachs, 1995). For our purposes, we define educationa' systems (as...by' these activities, and (3) efforts to relate the activities to other learnin' materials or fields of study. Let's consider each of these parts in turn.' ' (Table Omitted)' ' Captioned as...

...must do in order to understand ' at least as important as the design of the instructional materials; i.e., h' the materials are organised, explained, and presented (Kintsch et al., 1995...

...system. Are learners watching nature videos, listening to musical' selections, comparing two law cases, taking field notes, analysing specimen' or solving mathematical problems? Specifically, we need to focus on verbs t...

...of' solving mathematical problems. Many computer-aided learning systems are roo' in behaviourism and contain instructional models based on knowledge' transmission and drill-andpractice repetition (Bork, 1980). That is, studen' are...

...the langua' enables students to actively explore and directly experience their' mathematical ideas by constructing interactive programs in areas that are' personally meaningful and interesting to them (Papert, 1980, 1993).' ' Finally...

...s enculturation and' participation in the joint efforts of social groups. An example in a field ' related to mathematics is the use of the PuckLand system by small groups of' students studying beginning physics (Whitelock et al., 1995).' ' The purpose behind this brief survey is not to provide a comprehensive' explanation of theoretical models of instruction . Rather, our intention is ' remind readers that all educational systems are rooted in a particular...in a system, efforts to relate the mater' being studied to other learning materials or fields of study should be' characterised. At a practical level, if systems refer to other materials...

...then students need access to these or substitute' materials. If systems systematically refer to related fields that students ' have no knowledge of, then supporting materials providing this information ' be needed.' ' At a theoretical level, it is important to make connections across differen' domains and fields of study. First, such interdisciplinary connections help' learners to see the broader context and importance...  
...these discipline-spanning connections is the goal of the new' Saturday morning Open University television format where educational' programmes from different faculties are shown together and woven into a com' theme...

...is to introdu' students to some of the observation and note-taking skills required in' fieldwork , relating this activity to that engaged in by Darwin in his' exploration of Galapagos. The...

...videos of expert commentary on important sub-topics,' ' enter data into a spreadsheet representing their ' field ' notes,' ' compute simple statistics from their data using the spreadsheet,' ' closely examine pictures of finches...

...between behaviourism and' constructivism-students are using skills in a simulated environment that' resembles a **field** trip, and they must draw together their findings to reach' conclusions about various issues presented...

...syntax and semantics typically refer to language, and an importan' part of language is the **interplay** between meaning (semantics) and **form** (syntax). Similarly, we use these terms to emphasise that the process of understanding what to do, and how to do it, is not a one-way event. There i' continuous **interaction** between the system and the learner; learners try to' articulate a task structure reflecting their...semantics.' ' The task semantics learners need to know reflect important properties of th' domain or **field** being studied. These properties can include critical' perceptual and conceptual skills for recognising **formal** arrangements' (Durbridge & Stratford, 1996), procedural skills for decomposing tasks and taking actions (Shanck & Jona, 1991...

...previous cases to compare with' (Kolodner, 1993; Nakakoji & Fischer, 1990), socially-accepted practices in ' particular **field** (Brown et al., 1989; Lave, 1991) and important declarative' knowledge. Understanding the knowledge and skills learners need in a given' situation requires knowledge of the domain or **field** being studied, experien' in **instructional** design, and some understanding of the principles of cognit' and learning. A full treatment of...

...traditional educational media such as textbooks, a common method fo' promoting reflection is self assessment **questions** (SAQs). Typically, SAQs a' located throughout the text at key locations to get students to stop and' reflect on what they have just read. Designing effective self assessment' **questions** is a challenging task and helpful discussions on how to proceed c' be found in...

...SAQ approach. Some extend this approach ' checking students responses for correctness and reminding students about' **questions** they have not yet answered.' ' Other systems have tried more novel approaches that take better...

...categories. The aim of presenti' the analyses back to students is to get them to **question** and rethink their' original categories.' ' As the examples above illustrate, there are many different ways...

...a new perspective or in light of new' information?' ' Structuring devices' ' A large part of **instructional** design has traditionally involved careful' consideration of how information should be broken up, organised, and...

...designers was taking comple' structured and interrelated information and rendering it into a meaningful,' serial **form** .' ' With the advent of hypermedia, we are no longer confined to creating' educational materials for...

...presentation. Indeed, multimedia systems c' now reflect the structures and interconnections important to a particular' **field** or domain (Fischer, 1994a). Such 'hypermedia' systems can support' learners to follow links to related...available to be explored. Task decompositio' are basically 'to do' lists and come in many **forms** , such as checklists (Lem' & Fischer, 1990) and agendas (Sumner & Taylor, 1998; Wroblewski et al., 199' The Galapagos system also employs a **form** of task decomposition in its help' system (see Fig. 6).' ' Some systems, such as general...

...in the system' (which is often the case), supporting materials may need to be constructed ' **fill** this **gap** .' ' Motivation' ' As Soloway points out, one difference between educational systems and' professional productivity software is...

...found on each one along with details of habitat and feeding' habits. Students are posed **questions** about how the finches could have arriv' in Galapagos which can only be answered by...

...of the origins of the finch species. Specifically,' students must write

an essay answering the **question** : did one species of fin' arrive on the islands (does evolution alone account for the...

...and' Galapagos are both unique island communities and how each are prototypical' examples of particular **forms** of island ecosystems. Selecting Galapagos bein' the following sequence of activities:' ' Episode 1. Looking. The...Looking. Having completed this exercise, students then sit back ' look at video footage about the **formation** of the islands showing spectacular' volcanic sequences, graphics of submerged volcanic processes, how the islan...

...would have looked like prior to bein' colonised by plant and animal life.' ' Doing. The **question** is posed first by the spoken commentary: how did the' finches get there? Students are...

...short essay on finches, and a' world map. Successive screens then pose a series of **questions** which student' answer by selecting from multiple choice response boxes.' ' Episode 3. Looking. Encouragingly, the...

...now takes over again ' talks about how Darwin made mistakes when he was a young **field** biologist.' Further stunning photo-images of birds are shown as a prelude to the task...

...the person who actually recognised the birds as' finches. From the tiny shrivelled scraps of **field** specimens Darwin brought' back to England, Gould produced impressive lifelike paintings which we are' shown...

...the earlier ones didn't aided by a' video clip talking about the importance of **field** work, and an essay on' Religion and Evolution. The next section asks students to use...

...a selection of multiple choice boxes. The' system discourages users from advancing without answering the **questions** . A ' SAQs asking more difficult and reflective **questions** are posed in advance of' the material. The classification task (see Fig. 5) also attempts...

...the activities are highly' structured. Keeping a strong narrative line and presenting very clear task' **instructions** enables the target learners to stay on track, to not get lost ' the system, and...

...to explore (see Fig. ' If the learner gets stuck on how to proceed, detailed task **instructions** (se' Fig. 6) are available by pressing help.' ' What motivational techniques does the system employ...

...are given encouragement through periodic reminders of Darwi' many mistakes in his early attempts at **fieldwork** .' ' Level 4: task syntax' ' The task syntax level is the one at which the user...

...are available, and provides mechanism' for searching, browsing, collating, inspecting, annotating, or watching the' multiple **forms** of media. In so doing, the provided affordances encourage us' to behave in certain ...i.' finding and moving through resources via searching, browsing, or linking. F' example, in an **on - line** encyclopaedia the typical task is locating specific' information in a large information space. Thus, an encyclopaedic **format** ' encourages and supports rich **forms** of searching and perhaps limited **forms** o' browsing to help find related information. Other interface mechanisms are m' task or domain...

...g. too' to enable them to proceed, go back, interrupt, re-start, make notes, insert' **electronic** bookmarks, or tags, and so on). In this case, the resulting' interface will need to...

...independ' learning are there. However, a novice user might find such a system's lack ' **interactive** engagement puzzling, difficult to overcome and ultimately' daunting.' ' (Chart Omitted)' ' Captioned as:' FIG. 6.' ' Let...

...target user population's needs and expectatio' ' Level 5: resource organisation' ' All computational systems have **formal** structure at the

machine level-data o' information in computers is stored in machine code... and connected? Can users even generate a coherent representation of the 'system?' ' As the last **question** indicates, we want to take a user-centred perspective ' organisation rather than a developer-centred...

...is usually different from how the system is actual' implemented. When trying to answer the **questions** posed above, think about w' an experienced user would draw rather than what one of...

...applications. Some environments, such as DirectorTM, ToolbookTM and mTropolisTM, are better suited for more presentational **forms** of multimedia.' Other more general purpose programming languages, such as C++ or Visual' BasicTM, may...

...productivity tool-oriented' applications. Also, if users are interacting with a shared service over a' **network**, then **networking** languages such as JavaTM may be a better choice. A' with any over-generalisation, there...

...created using DirectorTM. A streamlined version of ' Microscope was then created for use over the **Internet** by taking advantage o' the ShockwaveTM plug-in that enables Director applications to run in most' standard **Internet** browsers.' ' (Chart Omitted)' ' Captioned as:' FIG. 7.' ' Other factors also influence the choice of programming and' **hypertext** files and so on, the languages we see are governed by the' constraints of hardware... compatibility, accessibility, performanc' and space occupied in memory are concepts which are machine related, have' **formal** properties and are (to all intents and purposes) non-negotiable. Whe' analysing existing systems, the key **question** to ask is will the system run' adequately on the typical user's hardware platform...

...created using DirectorTM. Several aspects of Direct' made it promising for this project. First, its **scripting** model makes it' well-suited for realising the Pilot's strong, linear narrative flow. Second...

...system on their hard disk. For the same reason, altern' delivery platforms such as the **Internet** would not be practical because of t' sheer volume of media resources that would have...

...not actually be present within t' multimedia system. True multimediarity often breaks out of the **electronic** ' domain to encompass ancillary **forms** of learning materials, be they spoken,' written, audio, or video. Some systems are intended to...

...designing systems, the design team needs to' understand how all the levels work together or **interact** for a given project' As discussed earlier, there are mutual interdependencies between the levels' with... our layered analysis offers us. This 'epilogue' analys' of the Pilot will help demonstrate the **interaction** between layers in terms ' design issues and resulting usability.' ' Case: the Galapagos Pilot-Epilogue' ' In ...

...credit the package's strong narrative line for the overall positi' response. This very strong **form** of task semantic support appears to be' well-suited for the needs of this target...is to give students a feel for the' observation and note-taking skills involved in **fieldwork**. However, as our v' analysis from level 2 indicates, the task being done is one...

...window. It is not surprising that students foun' this tedious and seemingly unrelated to meaningful **fieldwork** activities.' Clearly, this task should be redesigned to better reflect the educational' aims.' ' Another, related...

...reminds us that any learn' situation has components which need to be present in some **form** or other for' the desired educational experience to occur. If the learning is to be...epiphenomenon, in: D. K. DETTERMAN & R. J. STERNBERG (Eds) Transfer on Tria' Intelligence, Cognition, and **Instruction** (Norwood, New Jersey, Ablex), pp.' 1-24.' ' DURBRIDGE, N. H. & STRATFO, M. P. (1996) Varying the texture: a study of ar' learning and material. Journal of **Interactive** Media in Education, 96(1),' [http:// www](http://www)

-jime.open.ac.uk/jime/Oll jime-01. **html** .' ' Reference:' ' FISCHER, G.  
(1994a) Domain-oriented design environments, in: Automated Software  
Engineering (Boston, MA, Kluwer...

...pp. 221-232 (1995).' ' HARE, I. & PAPERT, S. (1990) Software design as a  
learning environment.' **Interactive Learning Environments**, 1, pp. 1-32.' '  
KINTSCH, E., FRANZKE, M., HALEY, P. & KINTSCH, W. (1995...

...L., TAYLOR, J. & STRATFOLD, M. (1996-1998) MENO project' (Multimedia,  
Education and Narrative Organisation),' [http:// www](http://www-iet.open.ac.uk/iet/MENO/meno-home.html)  
-iet.open.ac.uk/iet/MENO/meno-home. **html** .' ' Reference:' ' I.AVE, J.  
(1991) Situated learning in communities of practice, in: L. RESNI' J...

...Washington, DC, American Psychological Association), pp. 63-82.' '  
LEMKE, A. C. & FISCHER, G. (1990) A **cooperative** problem solving system  
for' user interface design. Proceedings of AAAI-90, Eighth National  
Conference o' Artificial Intelligence, pp. 479-484. LOCKWOOD, F. (1992)  
Activities in' Self- **Instructional** Texts (London, Kogan Page). MALONE, T.  
W. (1981) What ma' computer games fun? Byte, pp...

...pp. 264-271. NORMAN, D' (1986) User Centered System Design, New  
Perspectives on Human-Computer' **Interaction** (Hillsdale, NJ, Lawrence  
Erlbaum Associates).' ' NORMAN, D. A. (1988) The Psychology of Everyday  
Things (New...

...The Children's Machine (New York, Basic Books). REPENNING, A. (1994)'  
Programming Substrates to Create **Interactive** Learning Environments.  
Journal' **Interactive Learning Environments**, 4 (Special Issue on End-User  
Environment' pp. 45-74.' ' Reference:' ' RESNICK, L. B. (1989)  
Introduction, in: L. B. RESNICK (Ed.) Knowing, Learni' and **Instruction** :  
Essays in honor of Robert Glaser (Hillsdale, New Jersey,' Lawrence  
Erlbaum), pp. 1-24. RIEL, M. (1992) Functional analysis of' educational  
telecomputing: a case study of learning circles. **Interactive** ' Learning  
Environments, 2, pp. 15-29.' ' SACHS, P. (1995) Transforming work:  
collaboration, learning, and design...

...1995) Share globally, adapt locally:' software assistance to locate and  
tailor curriculum posted to the **internet** .' Computers in Education, 24,  
pp. 237-246. SUMNER, T. & STOLZE, M. (1996)' Integrating working and...

13/3,K/24 (Item 2 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

03459026 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**MIDI tech support and CodeWarrior for Win32**  
Stevens, Al  
Dr. Dobb's Journal (IDRD), v22 n11, p105-109, p.5  
Nov 1997  
ISSN: 1044-789X JOURNAL CODE: IDRD  
DOCUMENT TYPE: Commentary  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2585

1997

TEXT:

... has no way to import dialogs. from other applications when the  
dialogs are in text **script** **format** . Metrowerks says that they are  
furiously working on tools to **fill** that **void** .

CW for Win32 is a descendent of Metrowerks' Macintosh edition. Their  
previous version elicited howls...

13/3,K/25 (Item 3 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

03402026 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Industrial-strength database publishing: Inmagic DB/TextWorks WebPublisher**  
Perez, Ernest  
Library Software Review (LSR), v16 n3, p124-136, p.13  
Sep 1997  
ISSN: 0742-5759 JOURNAL CODE: LSR  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5318

1997

TEXT:

... HTML screen, but it's reall just a starting page template.  
You need to be **HTML** literate to the point of working with and  
developing **Forms** " fill -in-the- **blank** " layout . Your aim is to develop  
attractive and effective screens fo transmitting Web queries over...

13/3,K/26 (Item 4 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

02322179 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Home page, sweet home page: Creating a Web presence**  
Falcigno, Kathleen; Green, Tim  
Database (DTB), v18 n2, p20-28, p.7  
Apr 1995  
ISSN: 0162-4105 JOURNAL CODE: DTB  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3721 LENGTH: Long (31+ col inches)

1995

TEXT:

... s products and projects </A> is available.  
Advanced features including the creation of fill-in **forms** are  
available, but not supported by all Web browsers. The **HTML** tag, < **FORM** >  
is used to create **fill -in-the- blank forms** that can be completed on  
the screen in real-time. The form entries are stored...

13/3,K/27 (Item 5 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

02211833 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Do-it-yourself multimedia**  
Shields, Joan  
Technology & Learning (GCCL), v15 n4, p26-32, p.1  
Jan 1995  
ISSN: 1053-6728 JOURNAL CODE: GCCL  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2786 LENGTH: Long (31+ col inches)

1995

TEXT:

... top of HyperCard. Prompts, dialogue boxes, menus, and palettes let  
users create multimedia presentations without **scripting** . Special tools  
include integrated sound utilities; quiz templates for multiple choice,  
true/false, and **fill -in-the blank - formats** ; collections of sounds and  
images; and a **hypertext** manual (as well as a hard-copy version).  
\* Educational Activities, Inc. (Baldwin, NY; (800) 645...

13/3,K/28 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0995689 LAM079  
**Microplex Systems Adds Color Support to its Internet Frame Server Color  
Digital Cameras Can Simply Attach to Ethernet Networks**

DATE: September 16, 1996 18:45 EDT WORD COUNT: 463

...can be installed anywhere through a network jack. The NetworkEye  
is configured using a simple " fill -in-the- blank " HTML form . The  
Web page  
used to display the images can be customized to include other pertinent...

13/3,K/29 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0966169 LAW058  
**MICROPLEX INTRODUCES THE FIRST SERVER DEDICATED TO DIGITAL CAMERAS**

DATE: June 26, 1996 20:48 EDT WORD COUNT: 382

...can be installed anywhere through a  
network jack. The device is configured using a simple  
" fill -in-the- blank " HTML form . The web page used to display the  
images can be customized to include other pertinent...

13/3,K/30 (Item 1 from file: 553)  
DIALOG(R)File 553:Wilson Bus. Abs. FullText  
(c) 2002 The HW Wilson Co. All rts. reserv.

03072065 H.W. WILSON RECORD NUMBER: BWBA95072065 (USE FORMAT 7 FOR  
FULLTEXT)

**If you believe in the Internet.**

AUGMENTED TITLE: effect of Internet on enterprise networks

Passmore, David

Business Communications Review (Bus Commun Rev) v. 25 (Sept. 1995) p. 20+

LANGUAGE: English

WORD COUNT: 1658

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... s venerable terminal, browsers can display text at specified  
locations on a screen, and support " fill in the blank " forms  
capabilities.

While HTML is far more powerful than 3270 datastream commands in its  
ability to support bitmap displays...

1995

?



Set	Items	Description
S1	5616888	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-)(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR - NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	5354975	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	104585	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARK-UP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4	36712	FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	15349008	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR - FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL T? OR SIRHALL, T?
S7	10	S1 AND S2 AND S3 AND S4 AND S5
S8	86	S4 AND S3 AND S5
S9	10	S4(10N)S3(10N)S5
S10	20	S9 OR S7
S11	20	S10 AND PY<=2001
S12	15	RD (unique items)

? show files

File 238:Abs. in New Tech & Eng. 1981-2002/Jun  
(c) 2002 Reed-Elsevier (UK) Ltd.

File 108:Aerospace Database 1962-2002/Jun  
(c) 2002 AIAA

File 8:EI Compendex(R) 1970-2002/Jun W4  
(c) 2002 Engineering Info. Inc.

File 77:Conference Papers Index 1973-2002/May  
(c) 2002 Cambridge Sci Abs

File 35:Dissertation Abs Online 1861-2002/May  
(c) 2002 ProQuest Info&Learning

File 202:Information Science Abs. 1966-2002/May 23  
(c) Information Today, Inc

File 65:Inside Conferences 1993-2002/Jun W4  
(c) 2002 BLDSC all rts. reserv.

File 2:INSPEC 1969-2002/Jun W4  
(c) 2002 Institution of Electrical Engineers

File 233:Internet & Personal Comp. Abs. 1981-2002/Jun  
(c) 2002 Info. Today Inc.

File 94:JICST-EPlus 1985-2002/May W1  
(c)2002 Japan Science and Tech Corp(JST)

File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Jun 20  
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2002/Jun 21  
(c) 2002 ProQuest Info&Learning

File 6:NTIS 1964-2002/Jul W1  
(c) 2002 NTIS, Intl Cpyrght All Rights Res

File 144:Pascal 1973-2002/Jun W4  
(c) 2002 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Jun W4  
(c) 2002 Inst for Sci Info

File 62:SPIN(R) 1975-2002/Jun W1  
(c) 2002 American Institute of Physics

File 99:Wilson Appl. Sci & Tech Abs 1983-2002/May  
(c) 2002 The HW Wilson Co.

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/May  
(c)2002 Info.Sources Inc

?

12/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2002 Engineering Info. Inc. All rts. reserv.

05164945 E.I. No: EIP98114478460  
**Title: Distributed dynamic systems**  
Author: Veitch, James; Laddaga, Robert  
Corporate Source: Franz, Inc, Berkeley, CA, USA  
Source: Communications of the ACM v 41 n 5 May 1998. p 34-36  
Publication Year: 1998  
CODEN: CACMA2 ISSN: 0001-0782  
Language: English

**Title: Distributed dynamic systems**  
Abstract: Distributed dynamic systems are increasingly filling the gap between information sources and browser queries. These systems comprise knowledge in the form of objects and methods in object frameworks that constrain the domain knowledge needed to answer...  
Descriptors: Distributed computer systems; World Wide Web ; Web browsers; Client server computer systems; Database systems; Data storage equipment; Data structures; HTML ; Computer software; Internet  
Identifiers: Distributed dynamic systems; Client server architecture; Viaweb architecture

12/3,K/2 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01743487 ORDER NO: AADAA-I9975289  
**The relationship between cognitive scripts and auditing expertise: A field experiment**  
Author: Gadd, Harry Robert  
Degree: Ph.D.  
Year: 2000  
Corporate Source/Institution: The University of Texas at Arlington (2502 )  
Source: VOLUME 61/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1931. 259 PAGES  
ISBN: 0-599-80880-2  
Year: 2000

...the event in a less time by focusing attention on the items atypical to the script and using the script to fill in the gaps in processing. In subsequent recall, the expert will recall more atypical than typical items. When resorting to gap - filling when attempting to recall items, the expert will "recall" or gap-fill, more typical than atypical items.

A field experiment was conducted in which fifty individuals were given a case requiring them to plan...

12/3,K/3 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

734560 ORDER NO: AAD81-02473  
**A MULTIDIMENSIONAL MODEL FOR COGNITIVE STYLE DETERMINATION**  
Author: GRIFFIN, KENNETH FRANK  
Degree: ED.D.  
Year: 1979  
Corporate Source/Institution: BALL STATE UNIVERSITY (0013)  
Source: VOLUME 41/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3034. 194 PAGES  
Year: 1979

...of cognitive style and personality type that can be utilized in the

analysis of an **electronic** response, audio-tutorial system. (3) To analyze a general studies, non-major biology program that uses an **electronic** response, audio-tutorial method of **instruction**. The analysis will relate the **instructional** tasks to the components of the developed model.

Procedure. The first phase of the study...

...cognitive styles and sixteen personality types and relating the model to the analysis of the **electronic** response, audio-tutorial system.

Next the **electronic** response component was analyzed. The total average number of slides, average number of **question** slides, and average time of the programs were identified.

The **scripts** for the narrative of the audio tapes were examined along with the learning guide, and the **instructional** activities and tasks were identified. The activities and tasks were then described in terms of ...

...intellectual requirements of the tasks were then related to the perceptual and intellectual abilities of **Field** -Independent, Impulsive-Reflective, Leveling-Sharpening cognitive styles and Myers-Briggs personality types. The demonstrations and **question** types were also analyzed and described using the same procedures.

Findings and Conclusions. The conversational...

...logical sequential organizations, and verbal reinforcement of the audio tapes appealed to the students with **Field** -Dependent, Impulsive, Leveling cognitive styles. Lacking a "human" orientation of **interaction** and external reinforcement, the audio tapes favored the **Field** -Independent, Reflective, and Sharpening individuals.

Four general types of **questions** were identified in the nine units. The types of **questions** were programmed true-false, objective multiple choice and matching, and subjective **fill** -in-the- **blank**. While the types of **questions** were more equally balanced in numbers in the units of birth, birth control, and genetic counseling, three of the units--population, life and energy, and water pollution--used only **fill** -in-the- **blank** type of **questions**.

In general, the self- **instruction** mode, including the learning guide **questions** related more to the **Field** -Independent, Sharpener, Reflective person who can better organize, recall facts and concepts, and has greater internal processing abilities. In addition, Introverted, Sensing, Thinking, Judging types would benefit from the self **instruction**.

The slides that were orchestrated with the audio tape in the **Electronic** Response System were found to appeal more to the **Field** -Dependent, Impulsive, Leveler cognitive style, although the program was interrupted by **question** slides requiring a switch in cognitive style mode.

Recommendations. (1) Greater indepth studies of the...

...among the components of the model proposed by this study. (2) A wide variety of **instructional** tasks in curricula should be employed to attend to the variety of cognitive styles and...

12/3,K/4 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6723033 INSPEC Abstract Number: C2000-11-7320-064

Title: Display of 3D chemical structure on the Internet

Author(s): He Min; Zhou Jia-Ju

Author Affiliation: Inst. of Chem. Metall., Acad. Sinica, Beijing, China

Journal: Journal of Applied Sciences vol.18, no.2 p.95-100

Publisher: Editorial Committee of J. Applied Sciences,

Publication Date: June 2000 Country of Publication: Japan

CODEN: YKXUD4 ISSN: 0255-8297

SICI: 0255-8297(200006)18:2L:95:DCSI;1-6

Material Identity Number: B487-2000-004

Language: Chinese

Subfile: C

Copyright 2000, IEE

...Abstract: our Chinese drug database retrieval system (CDDBS). VRMLMaker can convert a molecular MOL2 or ML2 **format** file to **VRML format** files in four different styles: wire-frame, capped sticks, ball-and-stick, and a CPK **space - filling** model. VRMLMaker is developed based upon molecular model and virtual reality modeling language ( **VRML** ) techniques. The working procedures of VRMLMaker are described. The utility of VRMLMaker is illustrated by...

2000

12/3,K/5 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6562713 INSPEC Abstract Number: C2000-05-7810C-160  
**Title: ...more together: Web-based K-12 learning environment from MIKSIKE**  
Author(s): Pilv, M.  
Author Affiliation: MIKSIKE, Tartu, Estonia  
Journal: Educational Technology & Society vol.1, no.1  
Publication URL: <http://ifets.ieee.org/periodical/>  
Publisher: Int. Forum of Educ. Technol. & Society,  
Publication Date: Oct. 1998 Country of Publication: Germany  
ISSN: 1436-4522  
Material Identity Number: I863-2000-001  
Language: English  
Subfile: C  
Copyright 2000, IEE

...Abstract: company that developed the MIKSIKE Learning Environment, to the eTemplates concept. eTemplates are worksheets in **HTML format** . eTemplates contain text, illustrations, **blank spaces** to **fill** in and, if they are printed, they look like a good old-fashioned worksheets. If...  
1998

12/3,K/6 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6535212 INSPEC Abstract Number: C2000-04-6130D-014  
**Title: XML : filling a data-description gap . II**  
Author(s): Carter, B.  
Author Affiliation: Wisconsin Univ., Madison, WI, USA  
Journal: Journal of Database Management vol.11, no.2 p.30-3  
Publisher: Idea Group Publishing,  
Publication Date: April-June 2000 Country of Publication: USA  
CODEN: JDAMEQ ISSN: 1063-8016  
SICI: 1063-8016(200004/06)11:2L:30:FDD;1-I  
Material Identity Number: P943-2000-001  
Language: English  
Subfile: C  
Copyright 2000, IEE

**Title: XML : filling a data-description gap . II**  
...Abstract: XML to store flexible documents that are not dependent upon any specific hardware, software, or **format** . XML can also be used in dynamic **World Wide Web** (Web) applications to enable data integration, local manipulation, granular updates, and scalability. In addition, systems involved in **electronic** business will come to realize huge benefits from **XML** as it helps provide a standard means of identifying the business concepts represented in **interchanged** data and helps apply business-specific rules to these **interchanges** .  
...Descriptors: **electronic data interchange** ; ...

...hypermedia **markup languages** ;  
Identifiers: **XML** ; ...

... **dynamic World Wide Web** ; ...

... **electronic** business...

... **interchanged** data  
2000

12/3,K/7 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6328936 INSPEC Abstract Number: C1999-10-7140-001

**Title: Medical record management systems: criticisms and new perspectives**

Author(s): Frenot, S.; Laforest, F.

Author Affiliation: Lab. d'Ingenierie des Syst., Inst. Nat. des Sci.  
Appliquees, Villeurbanne, France

Journal: Methods of Information in Medicine vol.38, no.2 p.89-95

Publisher: F.K. Schattauer Verlagsgesellschaft,

Publication Date: June 1999 Country of Publication: Germany

CODEN: MIMCAI ISSN: 0026-1270

SICI: 0026-1270(199906)38:2L:89:MRMS;1-V

Material Identity Number: M135-1999-002

U.S. Copyright Clearance Center Code: 0026-1270/99/\$3.00

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: use of templates and icon user interfaces has introduced a deviation from the paper-based **record** (still existing). The arrival of **hypertext** user interfaces has proven to be of interest to **fill** the **gap** between the paper-based medical **record** and its electronic version. We think that further improvement can be accomplished by using a...

1999

12/3,K/8 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5306154 INSPEC Abstract Number: C9608-6160S-005

**Title: Borealis image server**

Author(s): Meyer, E.A.; Murray, P.E.

Author Affiliation: Case Western Reserve Univ., Cleveland, OH, USA

Journal: Computer Networks and ISDN Systems Conference Title: Comput.  
Netw. ISDN Syst. (Netherlands) vol.28, no.7-11 p.1123-37

Publisher: Elsevier,

Publication Date: May 1996 Country of Publication: Netherlands

CODEN: CNISE9 ISSN: 0169-7552

SICI: 0169-7552(199605)28:7/11L:1123:BIS;1-K

Material Identity Number: I876-96005

U.S. Copyright Clearance Center Code: 0169-7552/96/\$15.00

Conference Title: Fifth International World Wide Web Conference

Conference Date: 6-10 May 1996 Conference Location: Paris, France

Language: English

Subfile: C

Copyright 1996, IEE

...Abstract: system itself is composed of widely available resources and could be easily reproduced at other **World Wide Web** sites at very little expense. A Borealis server can be queried from any **Web** page or browser and delivers an image which has been watermarked. This watermarking is intended to...

...including the image in its full size, a reduced version of an image, and a **dynamically** generated **HTML** information page. Images may also be returned in a variety of graphic **formats**. Future enhancements should include **Web** page-based administration tools, support for authenticated users to view non-watermarked images, and more advanced file management. Through these and other enhancements, the Borealis Project should **fill** a

critical **gap** in the effort to make images available on the Web.

...Descriptors: **Internet** ;

...Identifiers: **World Wide Web sites** ; ...

... **Web page** -based administration tools...

... **dynamically** generated **HTML** information page...

...graphic **formats** ;

1996

12/3,K/9 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

4577063 INSPEC Abstract Number: C9402-7810C-088

**Title: Images in rheumatology: a multimedia program for medical education**

Author(s): Nashel, D.J.; Martin, J.J.

Author Affiliation: Med. Service Veterans Affairs Med. Center,  
Washington, DC, USA

Conference Title: Sixteenth Annual Symposium on Computer Applications in  
Medical Care p.798-9

Editor(s): Frisse, M.E.

Publisher: McGraw-Hill, New York, NY, USA

Publication Date: 1993 Country of Publication: USA xxvii+859 pp.

ISBN: 0 07 055023 9

U.S. Copyright Clearance Center Code: 0195-4210/93/\$5.00

Conference Sponsor: American Medical Inf. Assoc.

Conference Date: 8-11 Nov. 1992 Conference Location: Baltimore, MD,  
USA

Language: English

Subfile: C

...Abstract: base of disease-associated images is crucial for the  
physicians during the diagnostic process. To **fill** this **gap** in clinical  
**instruction** in the rheumatic diseases, 'Images in rheumatology' was  
developed. By using a **hypertext format**, one may select representative  
color images of a clinical disease or view X-ray changes...

1993

12/3,K/10 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

03647912 INSPEC Abstract Number: C90042147

**Title: Intelligent user interfaces for advanced workstations**

Author(s): Naffah, N.; Texier, M.; Jureidini, G.

Author Affiliation: Direction des Etudes Avancees, BULL MTS, Massy,  
France

Conference Title: Information Processing 89. Proceedings of the IFIP 11th  
World Computer Congress p.1021-4

Editor(s): Ritter, G.X.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1989 Country of Publication: Netherlands  
xxviii+1193 pp.

ISBN: 0 444 88015 1

Conference Sponsor: IFIP

Conference Date: 28 Aug.-1 Sept. 1989 Conference Location: San  
Francisco, CA, USA

Language: English

Subfile: C

...Abstract: with adaptability as a major target. Until now, MMI  
architectures are static. They cannot be **dynamically** generated by the  
end-user, or the application developer. On the other hand, current state...  
... oriented interfaces which enhance the programming environment, but they  
lack high level tools, such as **dynamic** trees with typed nodes and links

and intelligent generalized **forms** management, which are necessary for developing new types of office applications ( **hypertext** , knowledge-based applications, computer-aided learning tools, . . .). The authors present the results of the work...

... a working prototype well adapted to activity management applications where the user is able to **dynamically** create new tasks from the **interaction** tools provided in the prototype. Derived from the experience gained and from the interesting concepts...

...systems (such as MVC of Smalltalk), they present a new model of MMI that should **fill** the **gaps** of most current systems including their first prototype. Compared to MVC which also provides a...

... has the advantage of being based on a standard graphic server (X), of having a **network** oriented and clearly layered architecture, and of being written in Lisp which is a more...

...Identifiers: **interaction** tools  
1989

12/3,K/11 (Item 8 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02827379 INSPEC Abstract Number: D87000920  
**Title: Scripted email refines sales communications**  
Journal: Telecommunication Products Plus Technology vol.4, no.10 p.  
80-2  
Publication Date: Oct. 1986 Country of Publication: USA  
CODEN: TPPTEA ISSN: 0746-6072  
Language: English  
Subfile: D

...Abstract: the messages sent by the salespeople that was previously lacking. Now they respond to a ' **fill -in-the- blank** ' **script** and send the **form** when all **questions** are answered fully and correctly. The company's email **scripts** have been so successful that they plan other scripted applications.  
1986

12/3,K/12 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00516525 98IW12-006  
**Yesler Alive adds pizzazz to slides -- Software streamlines multimedia**  
Heck, Mike  
InfoWorld , December 7, 1998 , v20 n49 p79, 85, 2 Page(s)  
ISSN: 0199-6649  
Company Name: Yesler Software  
URL: <http://www.yesler.com>  
Product Name: Yesler Alive 1.0

... maintain consistency of presentations. Points out, however, that the user has limited control over presentation **formatting** without editing **HTML** code. Concludes that Yesler Alive **fills** a **void** in its elimination of large files typically produced when exporting slide shows to **HTML** . (cmr)  
1998

12/3,K/13 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

03907940 JICST ACCESSION NUMBER: 99A0202461 FILE SEGMENT: JICST-E  
**Distance Learning based on WWW -A mode and application.**

SHEN R (1); ZHU Q (2); URANO Y (3); TOMINAGA H (3)  
(1) Shanghai Jiaotong Univ.; (2) Telecommunication Advancement Organization  
Of Japan; (3) Waseda Univ.  
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku (IEIC Technical Report  
(Institute of Electronics, Information and Communication Engineers),  
1998 , VOL.98, NO.496 (ET98 93-117), PAGE.137-144, FIG.3, REF.11  
JOURNAL NUMBER: S0532BBG  
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02:37 681.3:654  
LANGUAGE: English COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**Distance Learning based on WWW -A mode and application.**  
**, 1998**

ABSTRACT: Web School" includes four parts: self-study and web auto-answer system, web **online** testing system, web based discussion system and web based management system. In self-study and web auto-answer system, besides using JAVA or **ActiveX** to build multimedia courseware and guide tool, we introduce and develop a web auto-answer system to process and analysis the **online questions** . Using the knowledge understanding technology, it can match the best answer to the **question** , combine the answers to give the student a better solution, and it also can analysis the **questions** , then send the useful data to teacher. Web testing system includes paper auto generation, paper marking and management, it supports choice, **filling in blank** and writing test. In this system, we use some methods to guarantee it's reliability, such as how to continue the test after the interruption of the **network** and so on. The web based discussion system supports private and public text chat, shared...

...real time audio transmission, so the teacher and the students can use the resource in **Internet** to enjoy the whole class no matter where he is. The management system organizes all...

...DESCRIPTORS: **WWW** (communication...

... **internet** ; ...

... **interactive** processing

...BROADER DESCRIPTORS: computer **network** ; ...

...communication **network** ; ...

...information **network** ; ...

... **network** ;

12/3,K/14 (Item 1 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily

(c) 2002 ProQuest Info&Learning. All rts. reserv.

05112701

**Web Offers Wide Menu For Sports**

Mather, Victor

New York Times, Sec G, p 13, col 1

Jul 2, 1998

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

...ABSTRACT: themselves on the Web. Mr. (Bill) Henderson said his Web site (www.strongestman.com/magnus. **html** ) filled a **void** . The site includes results dating from the first competition in 1977, **profiles** of the competitors and photographs. One highlight is the extensive collection of sound files, enabling...

19980702



12/3,K/15 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

06185233 Genuine Article#: YA500 No. References: 139  
**Title: Human-computer interaction - Whence and whither?**  
Author(s): Shackel B (REPRINT)  
Corporate Source: LOUGHBOROUGH UNIV TECHNOL,HUSAT RES INST/LOUGHBOROUGH  
LE11 3TU/LEICS/ENGLAND/ (REPRINT)  
Journal: JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE, 1997 , V  
48, N11 (NOV), P970-986  
ISSN: 0002-8231 Publication date: 19971100  
Publisher: JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012  
Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

**Title: Human-computer interaction - Whence and whither?**  
, 1997

Abstract: In this article, an overview is presented of the growth of work  
in Human-Computer interaction (HCI) over the last 40 years.  
Inevitably much must be omitted, hut the referenced papers may fill  
some of the **gaps** . Various **formative** influences and contributing  
disciplines are noted. Aspects of research and human factors knowledge  
are prominent...

Research Fronts: 95-0490 001 (OPEN DISTRIBUTED HYPERMEDIA; **HYPERTEXT**  
MODEL; MULTIMEDIA SERVICES)  
95-0934 001 (VISUAL REPRESENTATION SYSTEM; VERBAL REASONING; USER  
ERRORS)  
95-2040 001 (GROUP DECISION-SUPPORT SYSTEMS; COMPUTER-MEDIATED  
COMMUNICATION; **ELECTRONIC** MAIL; SOCIAL INFORMATION; ORGANIZATIONAL  
MEETINGS; HUMANITIES SCHOLARS)  
95-2120 001 (CULTURAL HISTORY OF SCIENCE; SCIENTIFIC KNOWLEDGE; NEURAL  
**NETWORKS** )  
95-2525 001 ( **WORLD WIDE WEB** ; DISTRIBUTED MOVIE SYSTEM;  
**ELECTRONIC** PUBLISHING; PROTEIN SCIENCE; HYPERMEDIA COMPONENTS)  
95-6288 001 (USER INTERFACES; DESIGN OF INFORMATION-SYSTEMS;  
HUMAN-COMPUTER **INTERACTION** TASK LEARNING; PROGRAMMING ENVIRONMENTS)

?

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02016171      SUPPLIER NUMBER: 18937652      (THIS IS THE FULL TEXT)  
The learning Web. (Web-based training) (includes related articles on object  
of learning, resources) (Internet/Web/Online Service Information)  
Callaway, Erin  
PC Week, v13, n49, p53(3)  
Dec 9, 1996  
ISSN: 0740-1604      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2186      LINE COUNT: 00177

ABSTRACT: Many corporations are now using intranets for training applications. General Motors is preparing to deploy four interactive Web-based training modules to parts and service managers in about 500 locations, with subjects ranging from how to run a dealership to fundamentals of automotive components. Web-based training (WBT) offers a simple interface and works on multiple platforms, but bandwidth constraints tend to be a major problem and make it difficult to include rich multimedia. The WBT market is also immature; relatively few tools are available, and most current applications are home-grown. Early development products include Stanford Testing Systems' IBTauthor, Macromedia's Shockwave and AimTech's IconAuthor. A new class of tools is emerging that can deliver a rich, predefined WBT environment where users need only provide content.

TEXT:

WBT brings the classroom to users' desktops--eliminating costly travel. But there are still some bandwidth issues to be resolved

As far as General Motors Corp.'s Bill Maclear is concerned, a person shouldn't have to fly halfway across the country or chase down colleagues over voice mail simply to learn something. Instead, Maclear is bringing education to them--over GM's corporate intranet.

Starting in the first quarter of 1997, 600 GMSPO (GM Service Parts Operations) field managers in about 500 locations across the United States will be able to use four new interactive World Wide Web-based training modules to be schooled in everything from running a profitable GM dealership to the fundamental concepts of an automotive drive train and electronic components.

More than just another Internet distraction, WBT (Web-based training, also called online training) is an emerging trend that has training professionals everywhere abuzz. In large, highly dispersed companies such as GM, WBT--specifically, educational applications that integrate hyperlinked text and graphics with interactive testing, feedback forums and other functions--promises to make training accessible to employees who haven't previously had access to company courses or who've had to travel long distances just to participate.

And there are additional perks. WBT content isn't static like traditional CBT (computer-based training). Unlike CBT, which is delivered via floppy disks or CD-ROM, WBT updates are made from a central location and are immediately available to everyone on the intranet. Most important, WBT is flexible: Users can access WBT from their desktop or by dialing into the corporate intranet--whether they want to spend an hour refreshing particular skills or must track down an immediate answer to a question that arises during business hours.

"We have found some drawbacks to WBT delivery, but all of the benefits really outweigh them. The outlook is really positive," says Ellen Julian, research manager for training and education research at International Data Corp., in Framingham, Mass.

On the downside, bandwidth constraints are an ongoing problem, as they are with any Web application. The limitations currently make it difficult to include rich multimedia in WBT modules, a hurdle traditional CBT had to

cross when it emerged in the early 1980s. If the issue isn't addressed in a timely fashion, users may become bored with WBT, if they become interested in it at all.

Another immediate challenge is simply the nascent state of the WBT market. "We're all at the edge of something new," says Elliot Masie, president of the Masie Center, a learning and technology think tank in Saratoga Springs, N.Y. Although people interested in the technology have all the usual options--to build it themselves, hire consultants for WBT design or license WBT content from a training provider--the current pickings can be slim. The majority of vendors looking to capitalize on these three areas are just starting to roll out offerings, and the widest breadth of choices won't be available to users until early next year.

#### Rolling your own

The WBT market might be new, but it isn't stopping early adopters like Sherry Davenport from using WBT right now. Davenport, on-site training manager for Digital Equipment Corp.'s AltaVista Internet Software Group, in Littleton, Mass., started using WBT last month to provide accreditation training to the companies in the AltaVista Business Partner Group. Davenport developed the modules herself using IBTauthor, a Web-based training authoring tool from Stanford Testing Systems Inc., of Spokane, Wash.

"We provide a Web-centric approach to partnering. Whatever our business partners need, they should be able to access 24 hours a day, and that goes for training, too," says Davenport. The AltaVista group's first two WBT courses were deployed in October; Davenport plans to have four more developed--one for each AltaVista product--by the end of this year.

Davenport has designed the curriculum so each accreditation course includes 200 multiple-choice and fill-in-the-blank questions written in HTML. The questions are random, so repeat users won't get the same test twice. Trainees submit the answers to each question simply by clicking on an HTML link. Their responses are then seamlessly transmitted to the training module's database via IBT Class, a "middleware" program and the main component of IBTauthor. Once the answers are in the database, they are scored as correct or incorrect.

Besides IBTauthor, other WBT development tools include Macromedia Inc.'s Shockwave, AimTech Corp.'s IconAuthor, Allen Communication Inc.'s Quest and Asymetrix Corp.'s Toolbook II.

In addition to these, another class of tools is emerging: tools that will deliver a WBT environment where users need only to provide the content. Oracle Corp., for example, is addressing this category with its "learning objects" authoring architecture, to be rolled out as part of the third phase of its WBT strategy, Oracle Learning Architecture, next year (see sidebar, Page 53). Likewise, Centra Software Corp., in Cambridge, Mass., is developing Liveware, a Java-based application that will enable asynchronous access to course materials as well as real-time interaction between live instructors and students using a chat-room-like "virtual classroom."

#### Hired help

If authoring your own WBT plan isn't appealing, don't worry: There are outside companies available for hire. GMSPo's Maclear, for one, opted for that approach. His group partnered on WBT course design with Strategic Interactive Inc., a technology-based company in East Lansing, Mich., that creates intranet- and Internet-based training for Fortune 500 companies. Maclear opted to outsource because he didn't want to reinvent the wheel for each training course. He also wanted to leverage the skills of a company that focuses entirely on WBT.

Shockwave was one of the tools SI used to create the four courses for GMSPo. Each includes short illustrated icons and graphics, interactive questions and answers, and an administrative function that managers can use to track the progress of employees taking the courses. SI designed the courses on the premise that most participants will be dialing in to GM's intranet from remote locations. "They haven't filled the WBT with bells and

whistles that will slow it down," says Maclear.

Lee Dailey, director of education and development at United Technologies Corp., in Hartford, Conn., also hired an outside company--Executive Perspectives Inc., of Brookline, Mass.--to develop WBT for deployment on UTC's intranet. A global organization with six major businesses, UTC has a work force totaling more than 175,000 employees. Dailey, who provides corporate-sponsored training and education on topics such as process improvement, re-engineering and global strategy, says reaching everyone who needs training in UTC's six divisions is a particularly daunting challenge because they are so widely dispersed--more than 50 percent come from outside the United States.

That's where WBT comes in. "People will be able to access the WBT 24 hours a day, every day. That is something we haven't been able to offer," says Dailey. In addition to providing interactive WBT, Executive Perspectives is helping Dailey create an entire training home page, an idea Masie Center's Masie calls a "learning cockpit." This would provide a single point of entry to an entire Web-based collection of training information where employees can partake in interactive courses, check training calendars, find relevant online documentation and sign up for classroom courses.

In the end, many companies won't have to create their own WBT courseware. Microsoft Corp., Gartner Group Inc. and ZDNet already are providing WBT courses online. Meanwhile, traditional CBT companies and technology vendors are gearing up quickly to provide WBT programs on commercially available hardware and software. Many, such as Oracle, plan to eventually provide WBT on business and soft skills as well.

It turns out it's a learning Web, after all.

Senior Writer Erin Callaway can be reached at [erin--callaway@zd.com](mailto:erin--callaway@zd.com).

Rules for Good Web-based Training Design

1. Establish a formal development process that focuses on meeting the training needs of your users.
2. Choose media types based on how well they will help you accomplish your training objectives, not based on glitz.
3. Make your WBT as interactive as possible to engage the learner.
4. Supplement your WBT training content with links to other Web resources related to the topic users are studying.
5. Remember that people learn in a variety of ways.
6. Avoid linear thinking. A top-down approach to training won't meet most users' needs, and it doesn't take advantage of hyperlinks.
7. Avoid content or feedback that is irrelevant or overly critical.
8. Test your WBT design on real users before you deploy.

Source: The Web-based Training Information Center

Re:sources for Web-based Training

The MASIE Center:

The MASIE Center is an international think tank dedicated to exploring the intersection of learning and technology. Located in Saratoga Springs, N.Y., the center provides research, perspectives, training and learning products for corporations. Visit this site to find articles on training and technology, plus information on MASIE Center seminars. There is also a link to the newly formed On-Line Learning and Training Council, a forum for discussing Internet and intranet-based learning.

URL: [www.masie.com](http://www.masie.com).

The Web-based Training Information Center:

This is a nonprofit resource for individuals and organizations interested in developing and delivering training using Web technology. It's a personal site, created and maintained by Tim Kilby, creative director and senior training analyst at Hughes Training Inc., in Falls Church, Va. You won't find any products or services offered here--just links to nonproprietary information and other training sites on the Web. Surf by to find out the differences between Web-based training and traditional computer-based training as well as the pluses and minuses of both. Links to related WBT sites, a glossary of WBT and CBT terms, guidelines for good WBT

design, and details on the WBT development process will give you further insight into what WBT is all about.

URL: [www.clark.net/pub/nractive/wbt.html](http://www.clark.net/pub/nractive/wbt.html).

Related article: The object of learning

You've already completed a half-day tutorial on your department's RFP procedures, but sitting at your desk three months later, you can't remember a small, but critical, detail for a proposal that has to get out the door in a hour. Where do you turn?

Forward-thinking training professionals are hoping that the savior will be WBT (Web-based training), which will evolve to satisfy users' planned--and unplanned--educational needs. Oracle Corp., which entered the WBT market last month with the introduction of its OLA (Oracle Learning Architecture), is particularly enamored of the idea. It aims to fulfill the need via the concept of "learning objects"--small units of training data that, combined, add up to an entire course.

The key to Oracle's learning objects, a term that refers to how the TextNoPara MB:training data is organized in the database behind a WBT course, is that they can be used on their own. A user stumped by having to write a cover page for a request for proposal, for example, wouldn't have to wade through an entire course just to address the problem. Instead, he or she could log on to a WBT Web site and access a specific learning object, which would contain a 5-minute question-and-answer tutorial that hones in on the subject. Users also could mix and match different learning objects to create customized courses.

"This has enormous impact for corporate America," says Elliot Masie, president of the Masie Center, in Saratoga Springs, N.Y. Users can be easily turned off by traditional CBT (computer-based training) programs because the information they need is often buried somewhere in a lengthy course. Learning objects "make the hurdles to training enrollment much lower," says Masie.

As part of its WBT push, Oracle, of Redwood Shores, Calif., is partnering with a number of third-party software vendors to offer more than 75 WBT courses on Oracle products as well as programs from Microsoft Corp., Novell Inc., Lotus Development Corp. and others, available starting this month.

Many of the courses will use learning object technology, although initially, some will be HTML-based ports of current CBT courses.

Oracle will remain focused on delivering IT content for the time being. Eventually, though, the company plans to provide WBT courses on soft skills and nontechnical business training.

Starting in the first quarter of 1997, all of Oracle's WBT titles will be constructed using learning objects. By the fall of 1997, users also will be able to license an OLA intranet product that can serve as a platform for building their own WBT courseware using learning object technology.

COPYRIGHT 1996 Ziff-Davis Publishing Company

Set	Items	Description
S1	475376	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-) (SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR - NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	367296	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	22858	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARKUP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA() (APPLET? OR SCRIPT?) OR ACTIVEEX?
S4	36123	FILL?(3N) (BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	1207403	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR - FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7	6	S1(S)S2(S)S3(S)S4(S)S5
S8	31	S4(S)S3(S)S5
S9	1	S8 AND IC=G09B?
S10	6	S8(S) (ANSWER? OR RESPOND? OR REPLY)
S11	10	S7 OR S9 OR S10
S12	1	S4(3N)APPLET?
S13	1	S12 NOT S11

?show files

File 348:EUROPEAN PATENTS 1978-2002/Jun W03

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020620,UT=20020613

(c) 2002 WIPO/Univentio

?

11/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00882485

Stateless shopping cart for the web  
Zustandsloser Einkaufswagen fur das Netz  
Chariot sans etats pour le web

PATENT ASSIGNEE:

SUN MICROSYSTEMS, INC., (1392737), 901 San Antonio Road, MS PAL1-521,  
Palo Alto, California 94043, (US), (Proprietor designated states: all)

INVENTOR:

Levine, Fredrick E., 6571 Red Hill Road, Boulder, CO 80302, (US)  
Carter, Bruce A., 1150 Ballena Blvd. #72, Almaden, CA 94501, (US)

LEGAL REPRESENTATIVE:

Frank, Veit Peter, Dipl.-Ing. et al (76701), Hoffmann Eitle, Patent- und  
Rechtsanwalte Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 807891 A1 971119 (Basic)  
EP 807891 B1 000517

APPLICATION (CC, No, Date): EP 97201881 961224;

PRIORITY (CC, No, Date): US 583877 960111

DESIGNATED STATES: DE; FR; GB; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 784279 (EP 96203701)

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED REFERENCES (EP B):

PROCEEDINGS OF THE FIRST USENIX WORKSHOP OF ELECTRONIC COMMERCE, NEW  
YORK, NY, USA, 11-12 JULY 1995, BERKELEY, CA , USA, USENIX ASSOC, USA,  
pages 147-154, XP000579443 HAUSER R ET AL: "Generic extensions of WWW  
browsers"

INTERNET RESEARCH, 1996, MCB UNIVERSITY PRESS, UK, vol. 6, no. 1, ISSN  
1066-2243, pages 81-91, XP000670632 ROWLEY J: "Retailing and shopping  
on the Internet"

DIRECT MARKETING, FEB. 1995, USA, vol. 57, no. 10, ISSN 0012-3188, pages  
23-26, XP000670672 FRIED-CASSORLA A: "Successful marketing on the  
Internet: a user's guide";

ABSTRACT EP 807891 A1

A shopping cart metaphor is emulated on a network (46) of server (20)  
and client (35) computing systems. A browser at the client station has a  
request module to send a shopping page request to the server. A shopping  
page module in the server sends a shopping page file (40) to the browser  
in response to the shopping page request. The shopping page file contains  
items selectable by a user using the browser. A shopping module at the  
browser generates an add request and sends the add request to the server.  
This add request contains selected items from the items that were  
selectable in the shopping page file. A receiver at the server receives  
the add request from the browser, and a cart list module at the server  
initialises a shopping cart list. An add module at the server adds the  
selected items to the shopping cart list. A shopping page module at the  
server converts the cart list to a cart field, generates a new shopping  
page file, embeds the cart field in the new shopping page file and sends  
the new shopping page file to the browser. In this way, the shopping cart  
field is in a shopping page file that may be managed by the browser at  
the client station (35).

ABSTRACT WORD COUNT: 215

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 000517 B1 Granted patent

Application: 971119 A1 Published application (A1with Search Report  
;A2without Search Report)

Change: 010926 B1 Legal representative(s) changed 20010809

Change: 010502 B1 Legal representative(s) changed 20010314

Oppn: 010411 B1 Opposition 01/20010216 Opposition filed  
Babcock Dienstleistungs-GmbH (132270)  
Duisburger Strasse 375 46049 Oberhausen DE  
(Representative:)Radunz, Ingo, Dipl.-Ing.

(38351) Schumannstrasse 100 40237 Dusseldorf  
(DE)

Lapse: 010704 B1 Date of lapse of European Patent in a  
contracting state (Country, date): SE  
20000817,  
Examination: 971119 A1 Date of filing of request for examination:  
970707  
Change: 980408 A1 Inventor (change)  
Examination: 980708 A1 Date of despatch of first examination report:  
980526  
\*Assignee: 990616 A1 Applicant (transfer of rights) (change): SUN  
MICROSYSTEMS, INC. (1392737) 901 San Antonio  
Road, MS PAL01-521 Palo Alto, California 94303  
(US) (applicant designated states:  
DE;FR;GB;NL;SE)  
\*Assignee: 990616 A1 Previous applicant in case of transfer of  
rights (change): SUN MICROSYSTEMS, INC.  
(1392735) 2550 Garcia Avenue, MS PAL1-521  
Mountain View, California 94043-1100 (US)  
(applicant designated states: DE;FR;GB;NL;SE)

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200020	870
CLAIMS B	(German)	200020	800
CLAIMS B	(French)	200020	1051
SPEC B	(English)	200020	4758
Total word count - document A			0
Total word count - document B			7479
Total word count - documents A + B			7479

...SPECIFICATION previous evening's collection of items.

US-A-5,623,656 (Lyons) discloses a preprocessing **script** -based data communications system and method that embeds information regarding the previous state of the system within **script** data. This effectively creates a state memory at a web server, which would otherwise be a stateless system relative to the users, or clients. Typically the **scripts** processed by this system are similar in structure and format to ordinary **HTML scripts**, with the addition of several commands that facilitate programming embedded state information. A client is afforded the capability of having one **script** influence another by exploiting the pre-processor imposed state memory. The server transmits a **form** containing fill-in blanks to the client, the client **fills** in a **blank** and transmits the **filled-in field** data back to the server. The server will then select, if necessary, another **script** file or based on the filled-in **field** data, **respond** with a **script** containing particular information. All, or part, of the information provided by the client in **responding** to the filled-in **fields** is stored in a database in the server.

#### SUMMARY OF THE INVENTION

In accordance with...

11/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00849164

Stateless shopping cart for the web  
Zustandsloser Einkaufswagen fur das Netz  
Un chariot sans etats pour le web

#### PATENT ASSIGNEE:

SUN MICROSYSTEMS, INC., (1392735), 2550 Garcia Avenue, MS PAL1-521,  
Mountain View, California 94043-1100, (US), (applicant designated  
states: DE;FR;GB;NL;SE)

#### INVENTOR:

Levine, Frederick E., 6571 Red Hill Road, Boulder, CO 80302, (US)  
Carter, Bruce A., 7354 West Manchester Ave., Apt. G., Los Angeles, CA



90045, (US)

LEGAL REPRESENTATIVE:

Hanna, Peter William Derek et al (72341), Tomkins & Co., 5 Dartmouth Road  
, Dublin 6, (IE)

PATENT (CC, No, Kind, Date): EP 784279 A1 970716 (Basic)  
EP 784279 B1 980617

APPLICATION (CC, No, Date): EP 96203701 961224;

PRIORITY (CC, No, Date): US 583877 960111

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970716 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 970716 A1 Date of filing of request for examination:  
961227

Examination: 971105 A1 Date of despatch of first examination report:  
970917

Change: 980617 A1 Miscellaneous (change)

Grant: 980617 B1 Granted patent

Oppn None: 990609 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9825	1863
CLAIMS B	(German)	9825	1673
CLAIMS B	(French)	9825	2269
SPEC B	(English)	9825	4730
Total word count - document A			0
Total word count - document B			10535
Total word count - documents A + B			10535

...SPECIFICATION blanks to the client, the client fills in a blank and transmits the filled-in field data back to the server. The server will then select, if necessary, another script file or based on the filled-in field data, respond with a script containing particular information. All, or part, of the information provided by the client in responding to the filled-in fields is stored in a database in the server.

SUMMARY OF THE INVENTION

In accordance with...

11/5,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00873309

A DATA-PROCESSING METHOD AND SYSTEM FOR ESTABLISHING A PERSONALIZED RANKING  
OF FINANCIAL INVESTMENT PRODUCTS FOR AN INVESTOR

PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES PERMETTANT D'ETABLIR UN  
CLASSEMENT PERSONNALISE DE PRODUITS D'INVESTISSEMENT FINANCIER A  
L'INTENTION D'UN INVESTISSEUR

Patent Applicant/Assignee:

FUNDSWORLD FINANCIAL SERVICES LTD, Commerzbank House, 1 Guild Street,  
I.F.S.C., Dublin 1, IE, IE (Residence), IE (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

GAINI Francesco Maria, Via Moscova, 22, I-20121 Milano, IT, IT  
(Residence), IT (Nationality), (Designated only for: US)

Legal Representative:

SINISCALCO Fabio (agent), Jacobacci & Partners S.p.A., Via Senato, 8,  
I-20121 Milano, IT,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205618 A2 20020124 (WO 0205618)

Application: WO 2000IB986 20000718 (PCT/WO IB0000986)

Priority Application: WO 2000IB986 20000718

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Italian

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10830

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020124 A2 With declaration under Article 17(2) (a); without  
classification and without abstract; title not  
checked by the International Searching Authority.

Fulltext Availability:

Claims

Claim

... establishing a personalized ranking of mutual funds  
for an investor,

Figure 13 shows, in table **form** , and at a simplified,  
5 schematic level, a database of mutual funds stored in the  
service provider's processing system, and

Figure 14 shows, in table **form** and at a simplified,  
schematic level, a personalized ranking of mutual funds  
established on the...

...in which the present invention can advantageously be  
used. The system concerned comprises a telecommunication  
**network** 105, typically the **Internet** .

As is known, the **Internet** is a global **network** of  
processing systems with a decentralized structure. Within  
'the **Internet** , the processing systems use a "client  
server" architecture. As is known, a client-server  
architecture is an information **network** architecture in  
which each computer or process of the **network** behaves as  
a "client" or as a "server".

The servers are computers having significant  
computational...

...to

the management of disc storage units (file servers) , of  
printers (printing servers), or of **network** traffic  
( **network** servers).

The clients are personal computers or workstations  
on which the user can run the...

...find the necessary

resources such as, for example, files, devices, or even  
computational power.

The **Internet** provides. for various protocols for  
communication between the clients and the servers. one  
particular protocol, which is known as the " **World Wide**  
**Web** " ( " **WWW** " ) or more simply the "Web" permits access to a  
subset of servers (known as **web sites** ) which support a  
so-called **hypertext** document management system; the  
documents are also known as **web pages** . Each **web page** is  
constituted by a file in a particular format known as  
**HTML** (||hypertext mark - up language ") which permits

**hypertext** links to other documents.

A server processing system 120 of a supplier of products and services according to the present invention is connected to the telecommunication **network** 105. The server processing system 120 constitutes a **web site** which is accessible to the client processing systems connected to the telecommunication **network** 105. Typically, some **web pages** of the **web site** 120 will be accessible without distinction to all of the client processing systems connected to the **network**, whereas some **web pages** of the site 120 will be accessible only to the client processing systems of users entitled or subscribing to the services offered by the **web site** 120.

In practice, the server processing system 120 will preferably comprise an outer ("front-end") subsystem connected directly to the telecommunication **network** 105, and an inner ("back-end") subsystem connected to the front-end subsystem by means...

...by suitable access barriers (firewalls) to prevent intrusion into the back-end subsystem from the **network** 105.

Figure 1 also shows a user's client processing system 110, connected to the **network** 105. Typically, the user's client processing system 110 has access to the telecommunication **network** 105 by means of a respective **network** - access provider (known on the **Internet** as an "**Internet service provider**") not shown in the drawing. The client processing system 110 comprises a computer...

...by any number of server processing systems and client processing systems connected to the telecommunication **network**. For example, further server processing systems from which the service and product provider's...

...to the mutual funds, analyses of these data, etc., will be connected to the telecommunication **network** 105 (for simplicity, only one of these is shown, indicated 130 in Figure 1). Amongst...

...processing systems are connected in a different manner, for example, by means of a public **network** of another type, or a geographical **network** (a "wide area **network**" or "**WAN**"), or if the user has a system based on a television set or a mobile telephone connected to the telecommunication **network** by means of a WAP protocol (a "wireless application protocol"). Figure 2 shows schematically the...

...210 controls the operation of the computer 110e, a working memory 215, typically a DRAM (dynamic random access memory), is used directly by the microprocessor 210, and a read-only memory 275 for connection to the telecommunication **network** 105.

Similar considerations apply if the computer has a different structure, for example, if it...

...constituted by a central unit to which various terminals are connected, or by a computer **network**, or if it has further units such as a sound card which controls loudspeakers, an...

...product and service provider's server processing system 120. Figure 3 shows, -again in schematic form, a partial content of the working memory of the computer 110e of the client processing...

...driver module (M-DRV) 305 which physically controls the.

transmission of data on the telecommunication **network** 105 by means of the MODEM 275. The MODEM driver module 305 communicates with a...

...not shown in the drawing), an engine (ENG) 320 for controlling communication with the telecommunication **network** 105. A plurality of **web pages** (WP) 323 are present in the bulk memory of the system; the **web pages** 323 are transmitted to the computer 110e by means of the telecommunication **network** 105, under the control of the engine 320. The engine 320 communicates with a...

...information transmitted by the user's client processing system 110 by means of the telecommunication **network** 105. The module 340 communicates with a module (IN-PR) 350 which deduces an investor **profile** of the user on the basis of the information acquired by the module 340. The...

...categories and specializations within the categories of mutual funds, on the basis of the investor **profile** deduced by the module 350. The module 350 and the module 360 also communicate with...

...for example, mutual funds, available on the market, on the basis of the investor **profile** deduced by the module 350, and of the asset allocation established by the module 360...

...obtaining the necessary data from providers of financial information, either by means of the telecommunication **network** 105 or in another way. A table (C&S-TAD) 365 giving the categories and...

...who will also be referred to 10 without distinction as the investor, visits the **web site** of the server 120 by means of his own client processing system 110. The server's engine 320 transmits, by means of the **network** 105, a **web page** for entry to the site (a "home page") which contains, in general, "links" to other **web pages** of the **web site**, represented concisely in the form of an index. These links are typically represented by "hot spots" in the **web page** displayed by the client computer 110e, which "hot spots" can be activated, for example, by...

...ID) and a password, to the server processing system 120, by means of the telecommunication **network** 105. The module 325 relies on the database of users 330 ...an investor subscribing to the service, the server 120 transmits to the client 110 a **web page** or, preferably, a sequence of **web pages** (QUEST box 402) which are displayed in succession upon request by the user. This sequence of **web pages** contains at least one **questionnaire** bearing **questions** relating to the investor, to which he/she replies by filling the **web pages** in suitable spaces. The **questionnaires** are filled in **interactively** by the investor with the use of the pointing device or the keyboard of the computer 110e.. By filling in the at least one **questionnaire**, that is, by replying to the **questions** contained therein, the investor provides the server system with subjective information which will be used to deduce an investor **profile**. This subjective information will be used in combination with the objective information stored in the...

...of the mutual funds available on

the market, for the investor.

The at least one **questionnaire** is preferably subdivided into three **questionnaires**.

In particular, the first **questionnaire** bears **questions** which are drawn up in a manner suitable for enabling indications of the investor's life style to be deduced from his **answers**. A second **questionnaire** bears **questions** drawn up in a manner suitable for enabling personal information regarding the investor ("personal info,,) to be derived from his replies. A third **questionnaire** bears **questions** drawn up in a manner suitable for establishin' the investor's level of experience...

...financial investment matters, on the basis of his replies.,

In particular, each of the three **questionnaires** comprises, amongst other things, at least one **question** which enables the server system to deduce an investment "time frame" for the investor.

The investor is obliged to **answer** the **questions** of the first **questionnaire**. However, the investor has the option to provide **answers** only to the first of the three **questionnaires**, skipping the remaining two, or to the first and to the second **questionnaires**, skipping the third, or to all three **questionnaires**. The three **questionnaires** are drawn up in a manner such that, if the user provides replies only to the first **questionnaire**, the server system 120 can already deduce an approximate investor **profile** by means of the module 350 whereas, if the user also provides replies to the second

**questionnaire**, or even to all three **questionnaires**, the server system can deduce a more precise investor **profile**. In other words, the second and third **questionnaires** enable the server system to perform a "fine tuning" of the investor **profile**, particularly in relation to his time frame.

For example, in the first **questionnaire** relating to life style, the investor is asked:

a **question** to which the investor has to **reply** by stating the duration of the investment period which he/she would choose if he...

...to

be a considerable amount of capital to invest. The investor is guided in his **reply** to this **question** by a number of predetermined replies suggested by the **questionnaire**, for example: "one year", "three years", "five years", "seven years", "ten years (or more)", "don't know"; in the **web page** displayed by the client computer, an entry box is displayed beside each suggested **reply** and the investor enters his preselected **reply** by marking the entry box beside the selected **reply**, by means of the mouse;

- a **question** to which the investor has to **reply** by stating how much time he/she requires to judge the quality of an investment; here again, the investor is guided in his **reply** by means of a number of predetermined replies suggested by the **questionnaire** which may be, for example, the same as those listed above; the investor enters the **reply** in the manner described above;

- a **question** to which the investor has to **reply** by stating the degree of confidence which he/she places in his own selections; for example, the **question** is displayed explicitly in the **web page** and beneath it is displayed a cursor which can be moved along a graduated scale...

...device. The.

investor can move the cursor, positioning it on the selected scale value;

- other **questions** suitable for deducing the investor's life style.

In the second **questionnaire** relating to personal information, the investor is asked a **question** to which he/she must **reply** by stating when he/she expects that the capital which he/she intends to invest will have to be realized in whole or in part, to meet expenses. In. the **web page** displayed by the client computer, two data-input windows are provided, one for the...

...for the entry of the amount

which is expected to have to be realized. Other **questions** suitable for enabling personal information relating to the investor to be deduced are also asked.

In the third **questionnaire** which relates to the investor's level of experience, the investor is asked: to - a **question** to which the investor has to **reply** by stating how he/she interprets, in terms of absolute time, the statement "long term" used in the **field** of financial investments; several alternative replies are suggested to the investor: for example, "one year". "three years", "five years", "seven years", "ten years", and a "don't know" **reply** is also allowed for; the investor enters the selected **reply** as in the first **questionnaire** ;

- a **question** to which the investor has to **reply** by stating the extent of his knowledge on the subject of financial investment's; for example, the **question** is displayed in a **web page** and beneath it is displayed a cursor which can be moved along a graduated scale...it at the selected point along the

scale, by means of the pointing device;

- other **questions** suitable for enabling the extent of the investor's experience in the subject of financial...

...the total amount of the financial resources

which he/she wishes to invest, as a **reply** to a **question** in the **questionnaires** , for example, in the first **questionnaire** .

When the investor has replied to the **questions** of a **web page** 'currently displayed, he/she causes the replies provided to be transmitted to the server 120 on the **network** 105 simultaneously with a request for the next **web page** in the sequence, by selecting a suitable "hot

spot 11 on the **web page** ; this process is repeated up to the last **web page** of the sequence.

The server thus acquires information relating to the investor, that is, subjective...

...First of all, on the basis of the replies provided

by the investor to the **questions** of the **questionnaire** , the server system establishes a value for a correction parameter EC ("experience corrector") which will...

...box 501 in Figure 5) on the basis of the

investor's replies to the **questions** - a) extent of knowledge on the subject of financial investments, and b) degree of confidence...

11/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00847581 \*\*Image available\*\*

INTERACTIVE ORTHODONTIC CARE SYSTEM BASED ON INTRA-ORAL SCANNING OF TEETH

**SYSTEME DE SOIN ORTHODONTIQUE INTERACTIF BASE SUR L'ANALYSE INTRA-BUCCALE  
DES DENTS**

Patent Applicant/Assignee:

ORAMETRIX INC, 12740 Hillcrest Road, Suite 100, Dallas, TX 75230, US, US  
(Residence), US (Nationality)

Inventor(s):

RUBBERT Rudger, Leonhardyweg 41, 12101 Berlin, DE,  
WEISE Thomas, Mehringdamm 91, 10965 Berlin, DE,  
RIEMEIER Friedrich, Thomasiusstrasse 5, 10557 Berlin, DE,  
SACHDEVA Rohit, 2605 Courtside Lane, Plano, TX 75093, US,  
BUTSCHER Werner, Westfalenring 16b, 12207 Berlin, DE,  
GEERDES Hans-Florian, Alt-Moabit 73, 10555 Berlin, DE,  
IMGRUND Hans, Wilhelmshavenerstrasse 25, 10551 Berlin, DE,  
PFEIL Lutz, An der Kolonnade 4, 10117 Berlin, DE,  
SPORBERT Peer, Immanuelkirchstrasse 29, 10405 Berlin, DE,  
KOUZIAN Dimitrij, Schlossstrasse 70, 12165 Berlin, DE,  
LEICHNER Mario, Puschkinallee 95, 16540 Hohen Neuendorf, DE,  
MAETZEL Stephan, Mittenwalder Strasse 7, 10961 Berlin, DE,  
SEE Peter, Wonnichstrasse 111, 10317 Berlin, DE,  
TROEGER Jens, Ebertystrasse 6, 10249 Berlin, DE,

Legal Representative:

FAIRHALL Thomas A (agent), McDonnell Boehnen Hulbert & Berghoff, 300  
South Wacker, Suite 3200, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200180761 A2 20011101 (WO 0180761)

Application: WO 2001US11969 20010413 (PCT/WO US0111969)

Priority Application: US 2000552189 20000419; US 2000552190 20000419; US  
2000560127 20000428; US 2000560128 20000428; US 2000560129 20000428; US  
2000560130 20000428; US 2000560131 20000428; US 2000560132 20000428; US  
2000560133 20000428; US 2000560134 20000428; US 2000560583 20000428; US  
2000560584 20000428; US 2000560640 20000428; US 2000560641 20000428; US  
2000560642 20000428; US 2000560643 20000428; US 2000560644 20000428; US  
2000560645 20000428; US 2000560646 20000428; US 2000560647 20000428; US  
2000613093 20000428; US 2000616093 20000428; US 2000616093 20000713

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61C

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 60676

English Abstract

Interactive, computer based orthodontist treatment planning, appliance design and appliance manufacturing is described. A scanner is described which acquires images of the dentition which are converted to three-dimensional frames of data. The data from the several frames are registered to each other to provide a complete three-dimensional virtual model of the dentition. Individual tooth objects are obtained from the virtual model. A computer-interactive software program provides for treatment planning, diagnosis and appliance from the virtual tooth models. A desired occlusion for the patient is obtained from the treatment planning software. The virtual model of the desired occlusion and the virtual model of the original dentition provide a base of information for custom manufacture of an orthodontic appliance. A variety of possible appliance and appliance manufacturing systems are contemplated, including customized archwires and customized devices for placement of off-the shelf brackets on the archwires, and removable orthodontic appliances.

French Abstract

L'invention concerne la planification d'un traitement orthodontique informatique interactif, la conception d'un appareil et la fabrication de cet appareil. L'invention concerne un analyseur qui réalise des images de la dentition qui sont ensuite converties en images tridimensionnelles de données. Les données provenant de diverses images sont synchronisées les unes avec les autres afin de produire un modèle virtuel tridimensionnel de la dentition. Les objets de dents individuels sont obtenus à partir du modèle virtuel. Un logiciel interactif pour ordinateur fournit une planification de traitement, un diagnostic et un appareil à partir des modèles de dents virtuels. Une occlusion souhaitée pour le patient est obtenue avec le logiciel de planification de traitement. Le modèle virtuel de l'occlusion souhaitée et le modèle virtuel de la dentition d'origine fournissent une base d'informations utiles pour la fabrication sur demande d'un appareil orthodontique. Plusieurs appareils et systèmes de fabrication d'appareil possibles sont envisagés, y compris des arcs et des appareils individualisés permettant le placement de verrous immédiats sur les arcs, et des appareils orthodontiques amovibles.

Legal Status (Type, Date, Text)

Publication 20011101 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Claims

Claim

... the incisors axially, and leveling the incisors. Thirdly, the user can simulate tooth position corrections **interactively** using the navigational tools. The user displays a target stage as needed. A tooth object...

...the navigation controls to move the tooth as desired. The movement of the tooth is **recorded** as new values in the bonding correction and target correction tables, in case the user...the dentition from the scanner, obtained as described above. However, it is possible to -Perform **digital** treatment planning by importing into the software three-dimensional software from other sources. Is it...

...A 3D file that holds 3D data in a surface description consists of triangles that form the surface of the object. The STL format is one of the oldest and therefore...

...information to stereolithography machines. A more detailed description of STL can be found at <http://www.mmsonline.com/articles/html>, the contents of which, are incorporated by reference herein.

Treatment Monitoring

**Interactive**, computer-based treatment monitoring is a significant advantage provided the treatment planning and appliance design...

...patient comes into the office during treatment, they will be scanned, and a new **digital** model of the dentition is acquired. From this new model, differences can be monitored between...finalized, the treatment planning software will store the following information (in addition to the patient **records**):

1) the virtual model of the current stage or malocclusion;

101

) the placement location of...

...information from the treatment planning software is sent over a suitable communications medium to the precision appliance service center. The service center manufactures a customized arch...

...will never precisely match the individual tooth of any, given patient. One option is to fill the gap using a surplus of bonding adhesive during bonding. Another option is to equip the...

...teeth, a scan of the bracket placement is made. The scan is compared to the **digital** template of the expected bracket position. If the bracket is placed incorrectly, the bracket can...preferably has import filter for common types of files of 3D objects including STL, DNF, VRML etc.



Additionally, another key aspect of the treatment planning software is that (inverted exclamation mark...

...on the effect of user specified tooth movement. When ---a, value is entered into a field in the display or the user uses the navigation, tools, results are displayed immediately. Further...

...in Figure 1. The key aspects of the system 34 are shown in block diagram form in Figure 88A. The system 34 includes a control system. for controlling the operation of...

...input file from some source that provides information as to how the medical device in question needs to be bent. The computer 600 supplies the robot controller 602 with position information...are supplied from the robot controller 602 along a cable 650 which plugs into (inverted question mark) the base 630 of the robot. Figure 91 is a detailed perspective view of...

...The gripping tool 651A of Figure 91 further includes a force sensor 664 in the form of a strain gauge. The force sensor is designed to detect forces that the wire...

11/5,K/5 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rights reserved.

00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE**

**PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE**

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, P.O. Box 52037, Palo Alto, CA 94303, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 170977

English Abstract

A system, method and article of manufacture are provided for affording a network-based supply chain framework. Installation of a service is managed utilizing a network. Demand and supply of manufacturer offerings are planned utilizing the network and orders for the manufacturer offerings are also managed utilizing the network. The network is also utilized to manage network assets including providing maintenance and

service for the network assets utilizing the network.

#### French Abstract

On decrit un systeme, un procede et un article manufacture qui constituent une structure de chaine d'approvisionnement fondee sur le reseau. L'installation d'un service est geree au moyen d'un reseau. La demande et l'approvisionnement des offres de fabricant sont planifies au moyen du reseau et les commandes relatives aux offres du fabricant sont egalement geres au moyen du reseau. Le reseau est egalement utilise pour gerer les actifs sur le reseau, y compris pour effectuer la maintenance et le service pour les actifs de reseau au moyen du reseau.

Legal Status (Type, Date, Text)

Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

#### Detailed Description

... I I I I = special digit 5 (Not Used)

All TBCD digit fields must be filled with TBCD-Null, or zero, prior to data being recorded.

VAere applicable, dialed digit forinats...switch sends a billing block, comprised of completed call records, to a billing center upon filling an entire billing block.

97

Introduction To A Callback Telephony System in Accordance

With A...the Internet, and include advertisements along with information content, In fact, some newspapers sell advertising space on an associated World Wide Web (WWW) site, which often includes extensive listings of certain...

11/5,K/6 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00794392 \*\*Image available\*\*

#### TRAINING AND KNOWLEDGE MANAGEMENT SYSTEM

#### SYSTEME DE GESTION DE CONNAISSANCE ET DE FORMATION

Patent Applicant/Assignee:

RENAISSANCE LEARNING INC, 2911 Peach Street, Wisconsin Rapids, WI 54494,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

ZWART Dale R, 9154 W. Coco Drive, Littleton, CO 80128, US, US (Residence)  
, US (Nationality)

Legal Representative:

BAXTER William K (et al) (agent), Godfrey & Kahn, S.C., 780 North Water  
Street, Milwaukee, WI 53202-3590, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200127902 A1 20010419 (WO 0127902)

Application: WO 2000US28762 20001016 (PCT/WO US0028762)

Priority Application: US 99159398 19991014

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G09B-003/00

International Patent Class: G09B-007/00 ; G09B-019/00

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 5915

#### English Abstract

A training and knowledge management system is used to create, edit, deliver, maintain, and manage complex computer-based training systems. The core system includes a development module for developing training founded on competency-based adult learning theory, a publisher module for producing electronic and hard copies, a distance learning module to provide training over the internet and intranet, and a management module to provide full management capabilities. The integrated enterprise-wide software training system utilizes learning objects (40) to create tailored learning for organizations and individuals. The system supports all types of training, including web-based, intranet, instructor-led, or CD-ROM. The dynamic learning objects include the course, the module, the unit, the competency, the media, and the measurement. The learning objects dramatically reduce the cost of developing, publishing, and revising training content.

#### French Abstract

La presente invention concerne l'utilisation d'un systeme de gestion de connaissance et de formation destine a creer, editer, distribuer, maintenir et gerer des systemes de formation complexes a base informatique. Le systeme de base comprend un module de developpement destine a un developpement de formation fonde sur une theorie d'apprentissage pour adultes basee sur la competence, un module publication destine a la production de documents electroniques et sur papier, un module d'apprentissage a distance permettant une formation au moyen de l'Internet ou d'intranet, et un module gestion permettant d'assurer des fonctions de gestion complete. Le systeme de formation a logiciel integre, a echelle d'entreprise, utilise des objets d'apprentissage (40) afin de creer un apprentissage sur mesure pour des organisations et des individus. Le systeme supporte tous les types de formation, y compris ceux bases sur le Web, sur intranet, a formation assistee ou sur CD-ROM. Les objets d'apprentissage dynamique comprennent le cours, le module, l' unite, la competence, le support et le test. Ces objets permettent de reduire considerablement le cout de developpement, de publication, et de revision de contenu de formation.

#### Legal Status (Type, Date, Text)

Publication 20010419 A1 With international search report.  
Publication 20010419 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G09B-003/00

International Patent Class: G09B-007/00 ...

... G09B-019/00

Fulltext Availability:  
Detailed Description

#### Detailed Description

... the system. A description of the media and the order in which a particular media record would be used by a

15

competency or competency element is input; the learning mode...

...object bit file (BLOB), an external media file (animated GIF quick time movie) or a hypertext mark - up language (HTNIL) file. The last data to be input into the development module is new measurement data. This data includes a topic or a short statement describing the related subject, a question type such as multiple choice, essay or fill in

the blank .

FIG. 5 is a flow diagram of the publisher module of the training system.  
Fig...

11/5,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00787796

**METHOD AND SYSTEM FOR WEB USER PROFILING AND SELECTIVE CONTENT DELIVERY  
PROCEDE ET SYSTEME SERVANT A ETABLIR UN PROFILE D'UTILISATEUR INTERNET ET  
LIVRAISON DE CONTENU SELECTIVE**

Patent Applicant/Assignee:

PREDICTIVE NETWORKS INC, Suite 200, 689 Massachusetts Avenue, Cambridge,  
MA 02139, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

HOSEA Devin F, 3 Gloucester Street #10, Boston, MA 02115, US, US  
(Residence), US (Nationality), (Designated only for: US)  
RASCON Arthur P, 425 Woburn Street #47, Lexington, MA 02420, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ZIMMERMAN Richard S, 22 Cross Street, Belmont, MA 024778, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ODDO Anthony Scott, 90 Wenham Street #3, Jamaica Plain, MA 02130, US, US  
(Residence), US (Nationality), (Designated only for: US)  
THURSTON Nathaniel, 68 Pearson Road #2, Somerville, MA 02144, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

VALLABH Rajesh (et al) (agent), Hale and Dorr, LLP, 60 State Street,  
Boston, MA 02109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120481 A2 20010322 (WO 0120481)  
Application: WO 2000US24442 20000906 (PCT/WO US0024442)  
Priority Application: US 99154640 19990917; US 2000558755 20000421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6832

English Abstract

French Abstract

L'invention concerne un procede et un systeme servant a etablir des  
profiles d'utilisateurs Internet de maniere precise et discrete et a  
livrer selectivement le contenu d'une page Internet, tel que de la  
publicite, a ces utilisateurs en fonction de leur profile. Ce systeme  
utilise des informations de comportement recueillies de preference au  
point de raccordement Internet des utilisateurs afin de faire le profile  
de maniere anonyme de leurs interets et de leurs donnees demographiques.  
Ce systeme apparie et livre ce contenu aux utilisateurs les plus  
receptifs a ce contenu. Les publicitaires peuvent utiliser ce systeme  
pour lancer des campagnes publicitaires efficaces en livrant un contenu  
Internet choisi a des audiences-cibles choisies. Ce systeme utilise la  
retroaction des utilisateurs pour determiner l'efficacite d'une campagne  
publicitaire et permet de modifier dynamiquement cette campagne

publicitaire, par exemple, en modifiant l'audience-cible, afin d'optimiser les resultats.

Legal Status (Type, Date, Text)

Publication 20010322 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010705 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20011213 Late publication under Article 17.2a  
Republication 20011213 A2 With declaration under Article 17(2) (a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:  
Claims

Claim

... creates an advertisement profile and stores this data in an Ad Campaign database

60 This **profile** is used by a data analysis system component (shown in FIGURE 10)

users who are most likely to **respond** to the content. The data analysis to I

system takes advertising **profile** data from the ad campaign database 60 and matches it to user **profiles** from the master user **profile** database 50. (In addition, during the course of an advertising campaign, the data analysis system takes data from the master client response database 52 to refine the user **profiles** selection.) It writes results of match to the advertisement database 62. The master scheduler takes...

...the advertiser preferably can, if desired, change its marketing strategy (e.g., by adjusting the **profile** of the targeted audience) at various points in the campaign to optimize results. Thus, campaigns...

...database 60 to generate formatted invoices for billing purposes. As previously discussed, in developing user **profiles**, the system uses data associating URL character strings selected by users on their client machines...

...The system preferably periodically queries a NetRatings or similar database 70 containing the data through **XML** to build a version of that database on the master server (the master categorized URL...

...an ISP, the system could be configured such that targeted advertisements are delivered through ordinary **Web pages** (using banner advertisements, etc.). Also, in the system described above, **Web site** classification or **profile** data is obtained from third party vendors such as Nielsen NetRatings. However, this data may...

...a number of users of known demographics, the system could be configured to generate the **Web site profile** data. Furthermore, the ...overall demographics generated for the other anonymous users in the system could be used to **fill out gaps** in the URL database, i.e., for **Web sites** having no classification data. Having described preferred embodiments of the present invention, it should be...

11/5,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00549731 \*\*Image available\*\*

**METHODS AND DEVICES FOR MAPPING DATA FILES**

**PROCEDES ET DISPOSITIFS POUR CARTOGRAPHIER DES FICHIERS DE DONNEES**

Patent Applicant/Assignee:

SYMTEC LIMITED,  
CLIFTON-BLIGH Gervase,

Inventor(s):

CLIFTON-BLIGH Gervase,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200013104 A1 20000309 (WO 0013104)  
Application: WO 99GB2820 19990826 (PCT/WO GB9902820)  
Priority Application: GB 9818633 19980826; GB 9824779 19981111; WO 98GB3481 19981120

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30951

English Abstract

A method of mapping interconnections between a plurality of data files, such as files of the world wide web. The method comprises a step of, for a first file, in a display area displaying a first region. Then, according to a first distance scale, displaying one or more second regions, which respectively represent one or more second files logically related to the first file, for example by hyperlinks. The second regions are spatially related in a display to the first region. In (n-1) further steps,  $i = 2, \dots, n$ , of for the or each i-th file the method displays according to an i-th distance scale smaller than the (i-1) -th distance scale one or more (i+1) -th regions. Each of these (i+1) -th regions respectively represent one or more (i+1) -th files which are logically related to the i-th file, and they are spatially related on a display to the i-th region representing that i-th file. The method may be implemented in software, for example in a web browser.

French Abstract

L'invention concerne un dispositif permettant de cartographier des interconnexions entre plusieurs fichiers de donnees, par exemple des fichiers du Web. La premiere etape de ce procede consiste tout d'abord, pour un premier fichier, a afficher une premiere region dans une zone d'affichage, puis selon une premiere echelle de distance, a afficher une ou plusieurs autres regions qui representent respectivement un ou plusieurs autres fichiers logiquement associes au premier fichier, par exemple par des hyperliens. Cette seconde region est associee dans l'espace a la premiere, sur un ecran. Au cours de (n-1) etapes suivantes,  $i = 2, \dots, n$  pour le fichier i-th ou pour chaque fichier i-th, une ou plusieurs regions (i+1)-th s'affichant selon une distance i-th inferieure a l'echelle de distance (i-1)-th. Chacune de ces regions (i+1)-th, qui representent respectivement un ou plusieurs fichiers (i+1)-th logiquement associes audit fichier i-th, est associee dans l'espace a la region i-th representant ce fichier i-th, sur un ecran. Le procede de cette invention peut etre mis en place dans un logiciel, par exemple un navigateur Web.

Fulltext Availability:

Claims

Claim

... REGISTER

9 Infrared

10:35 Divert to:

8 Accessories

Thursday 7 Diary

6th May 4 WWW

5 View Icons

@@ED@

. LAST.'

(a) (c) (d)

(b) A

230

man .. ... 111111114:@@uble...

...keypad to connect on first link from currently h  
2753 the main menu to Web homepage current webpage webpage  
F 24o 24-0  
2.5b KA  
23b  
23Z  
232 MOM MM==  
mmou  
WWW Name Links Info Name Links Info  
'23@  
10:35 2-5 8 PORTAL LOCAL WEATHER...

...w MM  
man a in a man OEM  
(a) MAIN MENU (b) WEB MENU (c) HOME PAGE (d) HIGHLIGHTED  
WEB PAGE TITLE  
FIG. 1 1  
/24  
.....  
204 202  
.....  
R: i  
200  
X.X:  
.....  
...  
FIG. 12  
/24...

...30  
According to International Patent Classification (IPC) or to both  
national classification and IPC  
B. **FIELDS** SEARCHED  
Minimum documentation searched (classification system followed by  
classification symbols)  
IPC 7 G06F  
Documentation searched other than minimum documentation to the extent  
that such documents are included in the **fields** searched **Electronic**  
data bass consulted during the international search (name of data base  
and, where practical, search...

...relevant passages Relevant to claim No.  
X JOHNSON B ET AL: "TREE-MAPS: A 596925  
**SPACE - FILLING** APPROACH TO THE  
VISUALIZATION OF HIERARCHICAL INFORMATION  
STRUCTURES"  
PROCEEDINGS OF THE ANNUAL CONFERENCE ON  
VISUALIZATION...10  
figure 6  
figure 14  
A ZIZI M ET AL: "Hypermedia exploration 1-57  
with **interactive dynamic** maps"  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER  
STUDIES,US,ACADEMIC PRESS, NEW YORK, NY,  
vol. 43...

...A FEINER S: "SEEING THE FOREST FOR THE 11215-13  
TREE-S: HIERARCHICAL DISPLAY OF **HYPERTEXT**  
STRUCTURE"  
CONFERENCE ON OFFICE INFORMATION  
SYSTEMS,US,NEW YORK, IEEE,  
vol. -, page 205-212 XPOO0757445  
page 208, line 1 -page 211, line 9  
figures 5-7  
**Form** PCTASA/210 (continuation of second sheet) (July 1992)  
page 2 of 2  
MERNATIONAL SEARCH REPORT...

...Patent document Publication Patent family Publication  
cited in search report date member(s) date

L

Form PCT/ISA/210 (patent family annex) (July 1992)

11/5,K/9 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00348333 \*\*Image available\*\*

AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND  
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS  
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION  
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE

Patent Applicant/Assignee:

NAVISOFT INC,

Inventor(s):

DOZIER Linda T,  
WILLIAMS George W V,  
LONG Dave,  
MCKEE Douglas M,  
DAVIDSON James G,  
BRADY Karen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9630846 A1 19961003

Application: WO 96US1686 19960321 (PCT/WO US9601686)

Priority Application: US 95412981 19950328

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 177634

English Abstract

The present invention addresses the critical needs of publishers seeking to create and publish hypermedia content in electronic form across wide area networks ("WAN's") such as the World Wide Web. Toward this end, a client-server development platform is provided for handling the important functions of document authoring, content-based indexing and retrieval of documents, management and control of proprietary assets, and support for developing form-driven interactive services, all in a manner that is uniquely and seamlessly WAN-integrated.

French Abstract

Le systeme selon l'invention repond aux besoins cruciaux des editeurs desireux de creer et de publier le contenu d'hypermedia sous forme electronique dans des reseaux longue portee tels que le reseau WWW (World Wide Web). Pour ce faire, une plate-forme de developpement de serveur/client est produite pour gerer les fonctions importantes de creation de documents, indexation basee sur le contenu et d'extraction de documents, de gestion et de controle des actifs prives, et de support pour le developpement de services interactifs a base de masque, l'ensemble de maniere integree, de maniere unique et transparente aux reseaux a longue portee.

Fulltext Availability:

Detailed Description

Detailed Description

... Clicking on Icons ..... 4-7

4 3 Drag and Drop Features ..... 4-7



4 4 Filling in Relative Links ..... 4-7  
4.4 Editing With MiniWebs ..... 4-8  
4 1 Copying...a graphical representation (the MiniWeb Window) of a  
special directory containing web pages and other web related files. It  
is rare to want to author a single web page. More often...

11/5,K/10 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00171840 \*\*Image available\*\*

#### ASSAYOMATE

#### AUTOMATE POUR ANALYSES

Patent Applicant/Assignee:

APPLIED BIOSYSTEMS INC,

Inventor(s):

MICHEL Bruno,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9005293 A1 19900517

Application: WO 89US4981 19891107 (PCT/WO US8904981)

Priority Application: US 8851 19881108

Designated States: AT AU BE CH DE FR GB IT JP LU NL SE

Main International Patent Class: G01N-021/05

International Patent Class: G01N-35:00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 161422

#### English Abstract

An automated apparatus for monitoring chemical reaction assays which includes a supply system (15, 17) for providing accurately metered solutions of reactants to a mixing chamber (19). The mixing chamber (19) is connected to a reaction chamber (21) wherein a substantial portion of the reaction between the reactants occur. A physical parameter, which is a function of the concentration of at least one of the reactants and reaction products, is measured in reaction chamber (21). A computer (35 and 39) is used to automatically control the supply system, mixing chamber and reaction chamber and to analyze the data obtained from the reaction chamber (21) to determine kinetic constants and other parameters associated with the assay.

#### French Abstract

Dispositif automatise pour le controle d'analyses par reaction chimique, comprenant un systeme d'alimentation (15, 17) introduisant des solutions de reactifs dosees avec precision dans une chambre de melange (19). La chambre de melange (19) est reliee a une chambre de reaction (21) dans laquelle se produit une partie considerable de la reaction entre les reactifs. Un parametre physique, qui est une fonction de la concentration d'au moins un des reactifs et des produits de reaction, est mesure dans la chambre de reaction (21). Un ordinateur (35 et 39) est utilise pour commander automatiquement le systeme d'alimentation, la chambre de melange et la chambre de reaction et pour analyser les donnees provenant de la chambre de reaction (21) afin de determiner les constantes cinetiques et d'autres parametres associes a l'analyse.

Fulltext Availability:

Detailed Description

#### Detailed Description

... the user for series, filename, and the enzyme  
concentration. Blank allows the entry of a blank file  
to be subtracted from all of the following  
measurements. [E] Auto selects between an...is aborted.

Softkey \*2 activates the Concentration Menu (lines  
1000ff)

Softkey #3 reads the current fill level of the  
syringes from the ASSAYOMATE "\*WFCC8"  
@GOSUB 7000 @ GOSUB 7700 and shows the...

?

13/5,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00569844 \*\*Image available\*\*

**CLIENT SERVER SYSTEM WITH THIN CLIENT ARCHITECTURE**  
**SYSTEME CLIENT-SERVEUR A ARCHITECTURE DE CLIENTINIMALE**

Patent Applicant/Assignee:

SIEBEL SYSTEMS INC,  
AMBROSE Jesse,  
ARNAIZ Gilberto,  
COKER John L,  
HAHN Samuel,  
KATCHOUR Ernst,  
ROTHWEIN Thomas M,  
SCHWARTZ David C,

Inventor(s):

AMBROSE Jesse,  
ARNAIZ Gilberto,  
COKER John L,  
HAHN Samuel,  
KATCHOUR Ernst,  
ROTHWEIN Thomas M,  
SCHWARTZ David C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033217 A1 20000608 (WO 0033217)  
Application: WO 99US28414 19991130 (PCT/WO US9928414)  
Priority Application: US 98110191 19981130

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G06F-007/00

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 19872

English Abstract

Web-based client-server systems with thin client architecture. More specifically, it relates to a method and system for transferring service requests and responses to the requests between a thin client (15) and an enterprise server in a client-server system.

French Abstract

L'invention concerne des systemes client-serveur Internet, qui possedent une architecture de client minimale. Plus specialement, l'invention concerne un procede et un systeme de transfert de demandes de services et des reponses a ces demandes entre un client minimum (15) et un serveur d'entreprise, au sein d'un systeme client-serveur.

Fulltext Availability:

Detailed Description

Detailed Description

... class that is  
similar in ftinctionality.

17.

. Remove the unsupported applet and enlarge the remaining **applets** to  
fill the same **space** .

Of course, TCW and JTC may have many supported applet classes.  
Embodiments of TCW and...



Set	Items	Description
S1	12434634	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-) (SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR - NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	3185530	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	704269	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARKUP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA() (APPLET? OR SCRIPT?) OR ACTIVEX?
S4	123676	FILL?(3N) (BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	13256424	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR - FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7	15	S1(S)S2(S)S3(S)S4(S)S5
S8	284	S4(S)S3(S)S5
S9	56	S4(5N)S3(5N)S5
S10	40	S4(3N)S3(3N)S5
S11	55	S7 OR S10
S12	52	S11 AND PY<=2001
S13	32	RD (unique items)

SYSTEM:OS - DIALOG OneSearch

File 88:Gale Group Business A.R.T.S. 1976-2002/Jun 21  
(c) 2002 The Gale Group  
File 9:Business & Industry(R) Jul/1994-2002/Jun 21  
(c) 2002 Resp. DB Svcs.  
File 275:Gale Group Computer DB(TM) 1983-2002/Jun 21  
(c) 2002 The Gale Group  
File 583:Gale Group Globalbase(TM) 1986-2002/Jun 22  
(c) 2002 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2002/Jun 24  
(c) 2002 The Gale group  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jun 20  
(c) 2002 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Jun 21  
(c) 2002 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2002/Jun 20  
(c) 2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2002/Jun 21  
(c)2002 The Gale Group

13/3,K/1 (Item 1 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2002 The Gale Group. All rts. reserv.

03614469 SUPPLIER NUMBER: 16635075  
**Do-it-yourself multimedia. (educational software)**  
Shields, Jean  
Technology & Learning, v15, n4, p26(1)  
Jan, 1995  
ISSN: 1053-6728 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2899 LINE COUNT: 00233

... scripting. Special tools include integrated sound utilities; quiz templates for multiple choice, true/false, and **fill -in-the blank - formats** ; collections of sounds and images; and a **hypertext** manual (as well as a hard-copy version).

\* Educational Activities, Inc. (Baldwin, NY; (800) 645...

19950100

13/3,K/2 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

02001048 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Domino's, Danka, Philips Deploy IBM & Lotus Web Products**  
(Domino's Pizza, Danka Systems, and Philips Microwave Limiel are deploying IBM and Lotus' services over the World Wide Web for a variety of applications)  
Newsbytes News Network, p N/A  
November 24, 1997  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 736

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...they are deploying Windows NT-based services from IBM (NYSE:IBM) and Lotus over the **World Wide Web** , for applications ranging from accounting and order entry to production management. During the press event ...

...through fax, phone, and snail mail, for consolidation and dissemination to stores in hard copy **form** , according to Messink, who is Domino Pizza's director of intranet development. The nationwide pizza chain has now created a Lotus Notes-based " **fill -in-the- blank form** " for submitting store results. "It took us two days to develop the **form** , and almost no time to (deploy) it." Domino Pizza is currently deploying the new **forms** application within one division over the company's intranet, Messink noted. "The next step is...

...at times to "hop in and out of" Notes and outside systems such as EDI ( **electronic data interchange** ). "My goal is to do it all in Notes," Cantin remarked, adding that, with this...

...of concept shows that this won't be a problem, because we can put a **Java applet** right in the **form** ," according to the systems architect. "I must say that my (previous) experiences with Windows NT...

...Java, the application will support two-byte unicode, for use in virtually any language. "Microsoft ( **ActiveX** ) only supports one-byte unicode," Newsbytes was told. Additional information about IBM and Lotus's software and services for Windows NT is available on the **World Wide Web** at <http://www.software.ibm.com/nt> and <http://www.lotus.com/bpartbro/bproch.htm> . Reported by Newsbytes News **Network** : <http://www.newsbytes.com> . (Press Contact: Theo Chisholm, IBM, 914-766-1180; Andrea R. Minoff, IBM, 914...

13/3,K/3 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01120231 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Cyberleaf: Text To Web The Easy Way; Interleaf Software Lets Users Convert  
Word Processing Documents To Web Pages  
(Interleaf's new Cyberleaf facilitates Internet publishing)**  
Open Systems Today, n 168, p 38+  
February 06, 1995  
DOCUMENT TYPE: Journal ISSN: 1061-0839 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...HTML 3 standards are adopted, a future version of Cyberleaf would be  
able to generate **HTML** tables.

Also, Cyberleaf does not convert **fill -in-the- blank forms** into **HTML  
forms** . This is unfortunate, because an experienced Webweaver knows that  
forms are one of the more...

13/3,K/4 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02411933 SUPPLIER NUMBER: 63135393 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**On Track And in Touch; You want it WHEN? By Howard Millman.(Microsoft  
Project 2000 and Primavera Systems SureTrak 3.0 project management  
software)(Software Review)(Evaluation)**  
Millman, Howard  
Computerworld, 88(1)  
June 26, 2000  
DOCUMENT TYPE: Evaluation ISSN: 0010-4841 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1040 LINE COUNT: 00092

... reduced acquisition costs and less maintenance complexity.  
SureTrak uses the Web for the distribution of **HTML - formatted**  
reports, but it's strictly one-way, pushing information out to the clients.  
Primavera's Webster, a \$250-per-seat companion product, provides the  
equivalent **interactivity** found in Project Central. SureTrak's other  
attributes include well-designed tutorials and Project KickStart Wizard,  
which provides **fill -in-the- blank** simplicity for brainstorming and  
creating new projects. Another wizard streamlines the process of adding  
projects into an existing group. SureTrak works with **Internet Explorer**  
and Netscape browsers. w  
Millman operates Data System Services LLC, a consultancy in Croton...

20000626

13/3,K/5 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02403833 SUPPLIER NUMBER: 62277003 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**focus on web authoring.(software from Savant Software, Macromedia,  
Knowledge Adventure, Microsoft, Holt Software, Trainersoft.com)(Software  
Review)(Evaluation)**  
Schneider, Jim  
T H E Journal (Technological Horizons In Education), 27, 10, 82  
May, 2000  
DOCUMENT TYPE: Evaluation ISSN: 0192-592X LANGUAGE: English



RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3100 LINE COUNT: 00235

TEXT:

...was founded in 1977 as a consultancy company with particular expertise in the database design **field**. After developing SSADM in conjunction with the CCTA the company marketed its own method LSDM...

...any multi-user system, which conjures up all sorts of support nightmares in the imagination. **On - line** help is available on both tool and method which gives novice users of this method...

...on SE's ease of use and help facilities. The manuals do not answer every **question** posed by the user and require, in my opinion, padding out'. The Facilities The facilities...

...Facilities offered are: Data Models, Data flow diagrams, Dialog Design, Data Inventory, Functional Analysis, Project **Records**, Help, Housekeeping and Sign Off. Selecting a facility either invokes another icon menu or produces...

...password, entered before access to the facilities menu is granted. Product security is in the **form** of the ubiquitous dongle attached to the printer port. As an analyst and developer first...

...being made, different diagrams being added and used when needed. I started with the Project **Records** facility to list problems and requirements for the system. This facility allows the user to...

...being associated with a particular problem or requirement. In addition to problems and solutions, Project **Records** include a General **Forms** application with several uses: adding additional text to other Design Objects, **recording** cost/benefit analyses, and tracking change requests from other analysts on the team. SE has...

...what is required by the Systems Engineering method. A useful addition, also within the Project **Records** facility, is the General Pictures Application giving three extra picture types to use. A **Network** Entity Life History picture concerned with the time orderings of the transactions, also investigates system...can be either one of the following: Current Data Model, Required Data Model, Third Normal **Form** Structure Model, Composite Logical Data Model or a type of your own. The Data Model...

...of the relationships must be named. The volume and volatility of the relationships can be **recorded** to work out capacity planning. The entities and relationships are placed on the drawing screen...

...where the Data Items displayed on the screen are defined with five different types of **field**, and the screen layout where the positions of the Data Items and any other **fields** are specified, The Data Items must be defined first before entering the Screen Map editor...moment. The Menu Control Structures let the developer plan and describe how the system will **interact** with the user. By building up a set of pictures it is possible to navigate...

...of Workplace address project estimation using estimating parameters tailored precisely to your project and Method **Online** which gives immediate access to **hypertext** documentation on the method without the constraints of a manual. Future directions for both SE...

...and the thought that has obviously gone into the tool. There are still a few **gaps** to be **filled** but I feel LBMS should have these filled quickly. I feel that the tool will...

19910600

(c) 2002 The Gale Group. All rts. reserv.

01395400 SUPPLIER NUMBER: 09794207

Window shopping. (Software Review) (brief reviews of several software packages) (evaluation)

Stevens, Lawrence

Macworld, v8, n1, p215(2)

Jan, 1991

DOCUMENT TYPE: evaluation

ISSN: 0741-8647

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: 1.0, \$99.95 from True Basic, is automated test-creation software that produces both **online** and printed tests. Its searching capabilities give it an edge over competing products. Sterling Swift Software's \$149.95 Mathematics Teacher's Workstation facilitates the creation of **instructional** materials. Drawbacks include incomplete documentation. TrakHur, \$39.95 from Hurricane Research Service, allows a user...

...the first true computerized fiction program. The \$19.95 package from Eastgate Systems is an **interactive** program with user navigation that has the flavor of choose-your-own-adventure books. SPE Software's \$28 HyperSnoop 1.0 is an invaluable tool for HyperCard **scripts** that extracts **scripts** and lists code either in text **form** or in a stack. Report Ideas, \$79 from Intelligence Active Software, is an extensive library...

...package from Jian that provides a variety of business agreements and is analogous to the **fill -in-the- blank** paper **forms** found in many office supply stores. Pros and cons of each package are briefly examined.

19910100

13/3,K/10 (Item 7 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01243160 SUPPLIER NUMBER: 06629581 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Covia lands PS-2 assistance to make United Airlines' reservation system fly.

Pepper, Jon

PC Week, v5, n17, p45(2)

April 26, 1988

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1438 LINE COUNT: 00112

... with cryptic commands, Covia officials said.

Competitive reservation systems customarily use predefined templates (inflexible database **formats**) rather than **scripts** (customizable, "fill -in-the- blank " **formats**). By using **scripts**, Focalpoint can be set up to search for lowest fares, or provide other services for...

19880426

13/3,K/11 (Item 1 from file: 47)

DIALOG(R) File 47:Gale Group Magazine DB(TM)

(c) 2002 The Gale group. All rts. reserv.

05125426 SUPPLIER NUMBER: 20417639 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Web Page Design Cookbook. (book reviews)

Grice, Roger A.

Technical Communication, v44, n1, p87(2)

Feb, 1997

DOCUMENT TYPE: Review

ISSN: 0049-3155

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1429 LINE COUNT: 00121

... 7, "Haute Cuisine," describes some of the fancier things you can include in Web pages: **fill -in-the- blank forms , scripts for forms , image maps, and tables.**

\* Chapter 8, "Presentation," describes ways you can provide the best settings...

19970200

13/3,K/12 (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01867260 Supplier Number: 54560891 (USE FORMAT 7 FOR FULLTEXT)  
**The SDF Monthly Dinner Meeting Featuring John Ousterhout of Scriptics.**  
PR Newswire, p3842  
May 6, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 828

... and why is it spreading so quickly? And why did John Ousterhout and Sarah Daniels **form Scriptics** ? Tcl is a powerful open source **scripting** language that solves a wide variety of integration problems very quickly -- from creating GUIs and **dynamic Web pages** to integrating multiple programs or protocols. Since integration problems are rapidly rising to the top...

...Tcl in more areas, they will outgrow the basic open source model. Tcl has been **filling** in the **gap** in areas in technical support, guaranteeing, regular releases, professional level tools, training, and others.

This...

19990506

13/3,K/13 (Item 2 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01527556 Supplier Number: 47339381 (USE FORMAT 7 FOR FULLTEXT)  
**Real Time Integration announces embedded Web Server for test and measurement.**  
Business Wire, p04300226  
April 30, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 504

... administrative clients can operate on sixteen different operating system and computer combinations. Configuration uses simple " **fill -in-the-blank** " **HTML forms** and offers many options including TCP/IP network settings, number and type of data channels...

19970430

13/3,K/14 (Item 3 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01427265 Supplier Number: 46716968 (USE FORMAT 7 FOR FULLTEXT)  
**Microplex Systems Adds Color Support to its Internet Frame Server Color Digital Cameras Can Simply Attach to Ethernet Networks**  
PR Newswire, p0916LAM079  
Sept 16, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 482

... can be installed anywhere through a network jack. The NetworkEye is configured using a simple " fill -in-the- blank " HTML form . The Web page used to display the images can be customized to include other pertinent...

19960916

13/3,K/15 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01413247 Supplier Number: 46604226 (USE FORMAT 7 FOR FULLTEXT)  
**ASPECT TELECOMMUNICATIONS INTEGRATES THE WEB INTO THE CALL CENTER TO  
DELIVER NEW LEVELS OF CUSTOMER SERVICE**  
News Release, pN/A  
August 5, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1443

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

**Dynamic Web page** creation, callback from a live agent, automatic notification and comprehensive reports highlight Aspect **Interactive Web** SAN JOSE, CA, Aug. 5, 1996-Aspect Telecommunications today introduced Aspect **Interactive Web**, a powerful solution that integrates the **World Wide Web** with call center transactions to deliver a new level of customer service. With Aspect **Interactive Web**, companies can conduct more personalized, informative and efficient customer interactions while allowing the customer full choice of communication method--telephone, fax, **electronic mail** over the **Internet** , pager and, now, the **World Wide Web** . Aspect **Interactive Web** enables enterprises to create **Web pages** tailored to individual customers, to call back Web customers who request **live interaction** , to automatically notify customers of important information (such as a change in stock price), and to produce comprehensive reports covering all customer interactions, regardless of access method. Aspect **Interactive Web** is featured in a new release of Agility, Aspect's **interactive** response system, which delivers automated customer service solutions in a call center environment. "Customers want...

...simply a matter of technology -- it's an issue of meeting customer expectations. With Aspect **Interactive Web**, we've forged a solution that fully meets the market needs. We are especially...

...and efficient access to corporate information, streamlining the search-and-discovery process. For example, Aspect **Interactive Web** can present product catalog pages organized to suit the customer's purchase preferences. Similarly...

...decides to contact a service representative; the agent can play a more consultative role. Aspect **Interactive Web** enables the call center agent to view the customer's progression through the **Web site** ; thus the agent can offer specific interpretations and recommendations for each customer situation. Logistix taps Aspect **Interactive Web** for self-service project tracking Logistix, a software and hardware contract manufacturer and teleservices provider, has installed Aspect **Interactive Web** to expand its services to such clients as Apple, Hewlett-Packard and Adobe. At Logistix's communications center in Fremont, California, the company uses Aspect **Interactive Web** to enable customers to track order and shipment status, check on customer inquiries, obtain documentation and download software over the Web. In the future, if customers require **live interaction** , they will be able to simply point and click on the callback icon. "This is...

...even have to leave the computer application, and they won't have to repeat their **question** . One of the key features of Agility is that the agent can see where the customer is and has been on our **Web site** ," said Grant Evans, vice president/business development, Logistix. New levels of customer service and agent productivity Aspect **Interactive Web's** capabilities, which achieve new levels of customer service and call center

agent productivity, include: \* **Personalized Web page** creation. Aspect **Interactive Web** gathers and presents information gathered directly from multiple corporate databases and legacy host systems. Based on customer requests and account history, it creates **dynamic Web pages** tailored to the individual. \* Callback for live link to an agent. For Web interactions in...

...service representative -- for example, to complete a credit card purchase or obtain answers to complex **questions** -- Aspect **Interactive Web** allows the customer to request an agent callback immediately or at a convenient time...

...a current problem. \* **Simultaneous page viewing**. When the customer requests assistance from an agent, Aspect **Interactive Web** delivers the **Web page** to the agent along with the call, allowing the customer service representative to view the page the customer is using. \* **Screen synchronization** over the intranet. Aspect **Interactive Web** provides cost-effective CTI (computer-telephony integration) solutions that supply customer service representatives with...

...corporate intranet. This information can be readily delivered to the agent in easy-to-view **Web page form** at the same time as the call. It enables companies to increase agent productivity and...

...by streamlining data collection and simplifying its presentation. \* **Automatic customer notification**. Companies can use Aspect **Interactive Web** to create proactive applications that automatically notify a customer when a specific event has...

...customers of flight changes and seat availability. \* **Interoperability** with leading LANs, databases and hosts. Aspect **Interactive Web** can search, retrieve and blend information from leading relational databases as well as major...preferences and up-to-date company offerings. Broad LAN connectivity encompasses Ethernet and token ring **network** access, IBM LAN Server and Communications Manager, Novell NetWare, TCP/IP and Microsoft LAN Manager. Host computer access includes IBM, DEC, Hewlett-Packard and the leading UNIX systems. Aspect **Interactive Web** performs database retrieval from Oracle, Sybase, INFORMIX, Microsoft SQL server, BTRIEVE, and other ODBC-compliant database systems. It supports **electronic** mail connectivity with IBM, Hewlett-Packard, DEC, UNIX Mail, MCI Mail and the **Internet**. \* **Consolidated reporting**. Comprehensive reports that integrate information on customer interactions through the call center and...

...other enterprise databases and distribute the data across the organization. \* **Object-oriented development environment**. Aspect **Interactive Web** incorporates Agility's object-oriented development environment, ActionAgent Navigator, a set of Web authoring tools for rapid design of **interactive Web** services. Developers can lay out the **Web pages** that Agility **dynamically** assembles for presentation to the customer. Images can be imported, along with hot links and other elements. Agility ActionAgent Navigator eliminates the need for coding or proprietary **scripting** and enables the developer to remain in the graphical interface, using icons and **fill-in-the-blank** boxes even at the detail level. In addition to its rich Aspect **Interactive Web** features, Agility 2.0 offers speech recognition and text-to-speech capabilities. Speech recognition is...

...is voluminous or changes frequently. Availability and pricing Aspect Agility 2.0, including the Aspect **Interactive Web** option, will be available in September. Pricing for Agility 2.0, which includes **interactive** response capabilities over telephone, fax, **electronic** mail and pager, as well as the object-oriented development environment, begins at \$75,000. The optional Aspect **Interactive Web** license--which includes **dynamic Web page** creation, callback, automatic notification and comprehensive backend system connectivity--starts at \$36,000. The speech...

...of comprehensive business solutions for mission-critical call centers. Aspect products include automatic call distributors, **interactive** response systems, management information and reporting tools, and planning and forecasting packages. Aspect also provides...

...World headquarters are located in San Jose, California. For additional

information, visit Aspect on the World Wide Web at [http:// www .aspect.com](http://www.aspect.com).  
19960805

13/3,K/16 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01398342 Supplier Number: 46495656 (USE FORMAT 7 FOR FULLTEXT)  
**MICROPLEX INTRODUCES THE FIRST SERVER DEDICATED TO DIGITAL CAMERAS**  
PR Newswire, p0626LAW058  
June 26, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 396

... can be installed anywhere through a network jack. The device is configured using a simple " fill -in-the- blank " HTML form . The web page used to display the images can be customized to include other pertinent...  
19960626

13/3,K/17 (Item 6 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01153128 Supplier Number: 41813682 (USE FORMAT 7 FOR FULLTEXT)  
**NEW IN-CIRCUIT EMULATOR FROM INTEL OFFERS WINDOWED INTERFACE, MULTI-CONTROLLER SUPPORT**  
News Release, p1  
Jan 24, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 435

... 96 microcontroller-based products.  
  
The windowed human interface features pull-down menus, on-line help, **hypertext** browsing, function keys and **fill -in-the- blank forms** for emulator set-up. The graphic orientation and intuitive icons make the emulator easy to...  
19910124

13/3,K/18 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

03173798 Supplier Number: 46505844 (USE FORMAT 7 FOR FULLTEXT)  
**WHY WORRY? Free speech advocates hope the Supreme Court won't review factual findings of panel that threw out censorious legislation.**  
Information Law Alert: A Voorhees Report, v4, n11, pN/A  
July 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 545

... of a World Wide Web server may interrogate a user of a Web site. An **HTML** document can include a **fill -in-the- blank " form "** to request information from a visitor to a Web sin recipients online for age.  
105...  
19960701

13/3,K/19 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02999451 Supplier Number: 46117408 (USE FORMAT 7 FOR FULLTEXT)  
**GUIDE TO REFERENCE BOOKS PUBLISHED**  
Online Product News, v15, n2, pN/A  
Feb 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 377

... in the print edition but adds benefits you can only get through  
today's hottest **format** :  
\* Instant **hypertext** jumps between cross-references  
\* **Fill -in-the- blank** query templates for fast, easy searching  
\* Search terms across every field, including annotations, to locate...  
19960201

13/3,K/20 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02966001 Supplier Number: 46040653 (USE FORMAT 7 FOR FULLTEXT)  
**GUIDE TO REFERENCE BOOKS**  
Worldwide Databases, v8, n1, pN/A  
Jan 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 377

... in the print edition but adds benefits you can only get through  
today's hottest **format** :  
\* Instant **hypertext** jumps between cross-references  
\* **Fill -in-the- blank** query templates for fast, easy searching  
\* Search terms across every field, including annotations, to locate...  
19960101

13/3,K/21 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08752566 Supplier Number: 75715812 (USE FORMAT 7 FOR FULLTEXT)  
**Local Cutting Edge Tech Training Emerging for Film/Internet  
Industries.(Company Business and Marketing)**  
Hawaii Business, v46, n12, p53  
June, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2457

... 1985 as the UH Film and Video Summer Institute (FAVSI), by mid-'90s  
program recognized **digital** imaging as common denominator in convergence  
of film. TV, computers, **internet** reinvented itself in 1996 as Pacific New  
Media, Continued smart leadership by program cofounders Outreach...

...three sessions/year); b) offers over 50 different training courses in  
film/video and in **digital** imaging/web design. Film/video courses range  
from high-touch screenwriting and producing to geek...

...digitizing and outputting video; creating videos with Adobe Premiere,  
motion graphics with Adobe After Effects. **Digital** imaging/web design  
workshops train people in specialized software like Macromedia  
(Dreamweaver, Director, Fireworks, Flash...

...media software programs to personally lead workshops, exposing Hawaii  
e-com students to best in **field** d) offers UH-certified Web Design  
Certificate Program, looking to add three new certificate programs...

...university in the country without some sort of film program, so we created FAVSI to fill that gap. We really focused on film and TV in the beginning, but when computers started taking over the film industry we realized we had to get more involved with digital imaging and processing. It took us a while to make the transition. We started by offering digital editing courses. Many of those digital film editing skills also apply to web site design so when the Internet emerged students started asking us for training in this area. It was a natural progression into general digital media." PNM customer base includes undergrad/grad students already enrolled in UH system (natural customer base for PNM); people already in field but looking to upgrade skills; people changing careers, including many with no experience but tapped...

...job gets informal assistance from PNM. Most PNM faculty are professionals working in industry, have network of contacts, can make introductions for best, brightest. Horowitz keeps email list of over 1...  
...send note to shorowitz@outreach.hawaii.edu - Ed.). Some harder to land. Major player in digital imaging/web applications training is Seattle-based Thunder Lizard which presents conference s on Mainland...

...rapidly changing. How does Horowitz keep curriculum current, cutting edge? "I keep in touch with former students back at work in the field, go through the course evaluation forms which include a suggestion line, and ask the people who teach our courses since most of them are actually working in the industry. When you're dealing with digital media, it's always changing. A program like Flash or Fireworks is always coming out...

...Dreamweaver and other classes for us. He recently was trying to do something on his website involving streaming video and was struggling to get Media Pro to compress the files enough to get them on the website. He called me up and said, 'If I'm having trouble figuring this out, I...are mass-oriented, like Quark or Photoshop, because we have to cover all bases in digital imaging. But many of our workshops are unique, offering high-end, specialized skills training. When...

...For example, Michael Shaff of Small Hands.com in La Honda, California, an internationally recognized interactive content developer, came last summer to do a workshop on Live Stage, a computer program...  
...national following. She's creative director for Vivid Studios. She's developed client sites and online games for many top technology and Fortune 500 companies, including Alta Vista, CNN, Gap, PBS...

...She's written a book, Careers in Multimedia and writes for publications like Net and Interactive Age Digital. Last winter, when people emailed her asking when and where her next workshop would be...

...also had Drue's colleague, Nathan Shedroff out here. He's a guru in the field of information architecture and the design of interactive web sites. As a result, we've seen people from California to Florida flying our to Hawaii...

...fundamentals and typography, writing for multimedia, user interface/information design); 63 hours of technical courses (HTML, digital imaging, production and authoring tools, electronic databases, programming basics, Javascript, Flash); 15 hours business management (legal, marketing, project management); 12 hours...

...programs must go through same process. Horowitz proposing three new certificate programs: film production, digital imaging, web development (back-office skills). "I believe the first to come on line will be film-making. But if we see other people in the University or the...

20010601

13/3,K/22 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

05080476 Supplier Number: 47458063 (USE FORMAT 7 FOR FULLTEXT)



**The End of HTML?**

ENT, p052

June 11, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Professional

Word Count: 762

... to come. But for those companies needing structure, portable collections of Web pages or highly **formatted** content, **XML** will fill an enormous **void**. For those publishing tasks that seem impossible using **HTML** today, the promise of an industry-standard solution with vendor support is welcome news. --Mark...

19970611

13/3,K/23 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

05000326 Supplier Number: 47343143 (USE FORMAT 7 FOR FULLTEXT)

**COMPLETE Web Management**

Interactivity, p16

May, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 270

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...client/single-server license) is designed to enable a small development staff to assemble interactive **Web sites** with no programming, in many cases using only a browser. Running on Win95 and NT...

...design client, site management, and server processing (compatible with Netscape Enterprise Server 2.0, Microsoft **Internet** Information Server 2.0, and O'Reilly **Website** 1.1E). In addition, the package includes pre-built components such as a company directory, threaded chat, feedback **form**, press room, and log reports.

19970501

13/3,K/24 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

04726237 Supplier Number: 46957984 (USE FORMAT 7 FOR FULLTEXT)

**The Learning Web**

PC Week, p053

Dec 9, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 2044

... year.

Davenport has designed the curriculum so each accreditation course includes 200 multiple-choice and **fill -in-the-blank questions** written in **HTML**. The **questions** are random, so repeat users won't get the same test twice. Trainees submit the...

19961209

13/3,K/25 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

01201518 Supplier Number: 41380755 (USE FORMAT 7 FOR FULLTEXT)

**Worldspan Adds Functions, Eyes Rosy Future**

Business Travel News, p11

June 11, 1990

Language: English Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 609

... announcements at its first subscriber conference here recently,  
Worldspan Travel Agency Information Services unveiled a **scripting**  
capability--or **fill -in-the- blank** programming **format** --for the PARS and  
Datas II reservation systems.

The scripting function will give the Worldspan...

19900611

13/3,K/26 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

14361762 SUPPLIER NUMBER: 79338454 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Implement Strategic Content Management.**  
Barnes, Hank  
e-Business Advisor, 19, 4, 20  
April, 2001  
ISSN: 1098-8912 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2155 LINE COUNT: 00178

... to your implementation strategy. Figure out which approach you  
need: custom development for the navigation, **fill -in-the- blank** Web  
**forms** for content submissions, or specialized **scripting** for automation.  
Which approach makes sense?  
TOP CONCERN: Any way you approach implementation requires some...

20010401

13/3,K/27 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

08200744 SUPPLIER NUMBER: 17609767 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**If you believe in the Internet.(Enterprise Networking)**  
Passmore, David  
Business Communications Review, v25, n9, p20(2)  
Sep, 1995  
ISSN: 0162-3885 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1629 LINE COUNT: 00140

... s venerable terminal, browsers can display text at specified  
locations on a screen, and support " **fill in the blank** " **forms**  
capabilities.

While **HTML** is far more powerful than 3270 datastream commands in its  
ability to support bitmap displays...

19950900

13/3,K/28 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

07806818 SUPPLIER NUMBER: 16774036 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Home page, sweet home page; creating a web presence. (Internet World Wide**  
**Web applications)**  
Falcigno, Kathleen; Green, Tim  
Database, v18, n2, p20(7)  
April-May, 1995  
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3853 LINE COUNT: 00293

... creation of fill-in forms are available, but not supported by all  
Web browsers. The **HTML** tag, < **FORM** > is used to create **fill -in-the-**

blank forms that can be completed on the screen in real-time. The form entries are stored...

19950400

13/3,K/29 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

05782995 SUPPLIER NUMBER: 11836150 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
When it's your job to write scripts for telemarketing.... (how to write a good script) (includes glossary)  
Carr, Ron J.  
Telemarketing, v10, n7, p20(3)  
Jan, 1992  
ISSN: 0730-6156 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1397 LINE COUNT: 00111

... the customer or when the communicators are experienced and have training in objection handling.

Outline **scripts** are essentially checklists, often combined with fill -in-the- **blank forms** for the communicator to complete. These are best used when the communicators are expected to...

19920100

13/3,K/30 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

03674465 SUPPLIER NUMBER: 06542726 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Computer reservations systems plunge into the PC era. (personal computers) (includes related article on manufacturers of airline automation systems)  
Henderson, Danna K.  
Air Transport World, v25, n8, p47(6)  
Aug, 1988  
ISSN: 0002-2543 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4488 LINE COUNT: 00354

... sales scripts for selling travel and creating PNRs, rather than being confined to menu or fill -in-the- **blank formats**. Coupled with **Scriptwriter** are Travelscreen, a **profile** function that automatically honors client travel policies and preferences and incorporates data into the PNR...

19880800

13/3,K/31 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

03484301 SUPPLIER NUMBER: 06365697 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Focalpoint software will go European this month. (European version) (Automation Report)  
Travel Weekly, v47, n16, p49(1)  
Feb 22, 1988  
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 342 LINE COUNT: 00027

... by Apollo subscribers.  
Focalpoint, designed to function on the IBM Personal System/2 units, provides fill -in-the- **blank formats**, color highlighting and the **Scriptwriter** capability permitting managers to direct staff on the handling of various types of business.  
The...

19880222

13/3,K/32 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

03130095 SUPPLIER NUMBER: 04788783 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Covia adds products that agents can tailor to individual needs. (Covia Corp.)  
Godwin, Nadine  
Travel Weekly, v46, p28(3)  
April 27, 1987  
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1578 LINE COUNT: 00128

... by fall, is a "value added" reservations system that allows agents to use plain English **instructions in fill -in-the- blank formats** .

Central to the new product is **scripting** , meaning the manager's option of programming a variety of scripts that instruct or even...

19870427

?

Set	Items	Description
S1	2500417	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-) (SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	381587	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	7732	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARKUP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA() (APPLET? OR SCRIPT?) OR ACTIVEX?
S4	55966	FILL?(3N) (BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	7137814	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL T? OR SIRHALL, T?
S7	1	S1 AND S2 AND S3 AND S4 AND S5
S8	3	S4 AND S3 AND S5
S9	3	S4 AND S3
S10	3	S7 OR S8 OR S9

? show files

File 347:JAPIO Oct 1976-2002/Feb(Updated 020604)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200239

(c) 2002 Thomson Derwent

10/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014300412 \*\*Image available\*\*  
WPI Acc No: 2002-121116/200216  
XRPX Acc No: N02-090823

A process for controlling and moving along paths of previously accessed  
interactive inter- or intra-net HTML source files comprising a  
non-interactive and interactive browser

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: DAUERER N J; KELLEY E E; KNICKERBOCKER J U  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6327598	B1	20011204	US 97977184	A	19971124	200216 B

Priority Applications (No Type Date): US 97977184 A 19971124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6327598	B1	14	G06F-015/00		

... process for controlling and moving along paths of previously accessed  
interactive inter- or intra-net HTML source files comprising a  
non-interactive and interactive browser

Abstract (Basic):

... A interactive HTML source file is selected for a blank form  
and downloaded to web browser for storing in the non-interactive web  
browser cache and screen access path. The form is filled and the  
browser selectively eliminates interactive HTML source file form  
presenting filled in spaces from non-interactive web browser cache  
by storing desired interactive HTML source file form presenting  
filled in spaces only in interactive web browser cache and screen  
access path.

... web browser has a non-interactive web browser for storing data  
from a number of HTML source files and a first non-interactive web  
browser screen access path for identifying and displaying HTML source  
files in a first cache. A second interactive web browser cache for  
storing data from a number of HTML source files and a second  
interactive web browser screen access path for identifying and  
displaying HTML source files in second cache...

...A non-interactive HTML source file is selected and downloaded to  
non-interactive web browser cache and screen access...

...For controlling and moving along paths of previously accessed  
interactive inter- or intra-net HTML source files...

...Web browser has the ability to distinguish between interactive HTML  
source file form presenting blank spaces and interactive HTML  
source file form presenting filled in spaces .

10/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

008644944 \*\*Image available\*\*  
WPI Acc No: 1991-148974/199120  
XRPX Acc No: N91-114360

Optimum length continuous composite video signal - is formed by  
combining RGB fields created from data with video signal containing  
data for creating fields

Patent Assignee: BOYD I A R (BOYD-I)  
Inventor: BOYD I A R; ROSE W J; SCHAEFFER G A  
Number of Countries: 023 Number of Patents: 008  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9106167	A	19910502				199120 B
US 5023727	A	19910611	US 89420827	A	19891012	199126
AU 9066247	A	19910516				199133
EP 495898	A1	19920729	EP 90916122	A	19901010	199231
			WO 90US5646	A	19901010	
EP 495898	A4	19950111	EP 90916122	A		199545
EP 495898	B1	19970305	EP 90916122	A	19901010	199714
			WO 90US5646	A	19901010	
DE 69030097	E	19970410	DE 630097	A	19901010	199720
			EP 90916122	A	19901010	
			WO 90US5646	A	19901010	
CA 2067499	C	20001219	CA 2067499	A	19901010	200103
			WO 90US5646	A	19901010	

Priority Applications (No Type Date): US 89420827 A 19891012

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9106167	A				
Designated States (National): AU BR CA FI HU JP KR NO SU					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE					
EP 495898	A1 E	48	H04N-005/782	Based on patent	WO 9106167
Designated States (Regional): DE ES FR GB IT					
EP 495898	B1 E	26	H04N-005/782	Based on patent	WO 9106167
Designated States (Regional): DE ES FR GB IT					
DE 69030097	E		H04N-005/782	Based on patent	EP 495898
				Based on patent	WO 9106167
CA 2067499	C E		H04N-007/08	Based on patent	WO 9106167

... is formed by combining RGB fields created from data with video signal containing data for creating fields

...Abstract (Basic): comprises a listing of what portion of the video signal includes the data and a field count in every field of the video signal. It also includes information for assembling the TGB fields and an index of which RGB field to combine with which fields in the video signal...

...decoding and storing the decoded data. Furthermore, information is provided where to determine a video field assembled from the data with the video signal, and combining the video field with the video signal by switching between the two...

...ADVANTAGE - Fills gap between current field of video signal and beginning field of desired video segment. (48pp Dwg.No.1/13)

...Abstract (Equivalent): A method to combine RGB fields or no phase-modulated signals and digital audio with a video signal to form a substantially continuous video signal, the method comprising...

...information for assembling the RGB fields or other no phase-modulated video fields ,

...

...information for combining a plurality of RGB video fields into video segments...

...tags to the length in fields or time duration of the RGB video segments...

...an index of which RGB field to combine or overlay with which field of the video signal, a directory of which field counts in the video signal define beginning fields of video segments...

...information for generating digital audio programs...

...tags to the length in fields or time duration of the digital audio programs...

...an index of which digital audio program to combine or add to which field of the video signal...

...an index of which **digital** audio program accompanies which RGB segment, and...

...a **script** defining a default order in which RGB segments and video segments are combined together to **form** a substantially continuous video signal output...

...decoding the data into the information for assembling the RGB **fields** or no phase-modulated signals and **digital** audio with selectable video signal segments that are preprogrammed with the video signal, together with said directory of **field** counts defining the beginning **fields** of each such segment...

...reading the **field** count of the current **field** of the video signal...

...comparing the **field** count of the current **field** with the count defining the beginning **field** of the desired selectable video signal segment to determine the number of **fields** in the gap between the current **field** and the beginning **field** of the desired selected video signal segment...

...assembling RGB **fields** or no phase-modulated signals and **digital** audio necessary to **fill** the **gap**, according to said information for assembling, and **filling** the **gap** with said RGB **fields** or no phase-modulated signals and **digital** audio to **form** a substantially continuous video signal

...Abstract (Equivalent): provided. The data is read, decoded and stored to determine where to combine a video **field** assembled from the data with the video signal, and the video **field** is combined with the video signal by switching between the two...

...The method for **forming** a continuous video signal comprises a step of providing a video signal preprogrammed with data...

...desired video signal segment, determining the gap before locating the desired video signal segment, and **filling** the **gap** with a video segment assembled from the data...

...USE - Computer based **interactive** video system. (25pp)

...Title Terms: **FORMING** ;

10/3,K/3 (Item 3 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2002 Thomson Derwent. All rts. reserv.

007384039

WPI Acc No: 1988-017974/198803

XRAM Acc No: C88-008055

**Script correction fluid used in image forming appts. - obtd. by dispersing at least binding resins, white pigments and pale colouring agent in volatile solvents**

Patent Assignee: MITA IND CO LTD (MTAI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62280273	A	19871205	JP 86125507	A	19860529	198803 B

Priority Applications (No Type Date): JP 86125507 A 19860529

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 62280273	A		4		

**Script correction fluid used in image forming appts...**

...Abstract (Basic): This correction fluid is used for covering errors written in original copies use in image **forming** appts. adopting electronic photo system. The pale coloured erased parts attract attention easily to the **spaces** to be correctly **filled** .